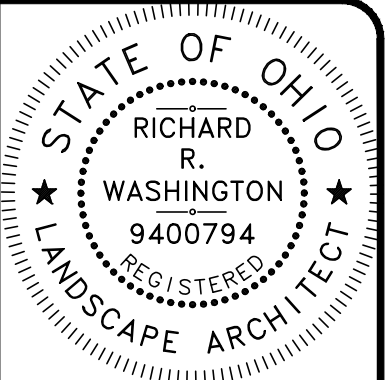


VILLAGE OF JEFFERSON

JEFFERSON COMMUNITY PARK

IMPROVEMENTS

ASHTABULA COUNTY, OHIO



verdantas

ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	9/12/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

COVER SHEET

PROJECT NO.	242425
DISCIPLINE	CIVIL
SHEET NAME	CO
SHEET	OF
1	41

Sheet List Table	
Sheet Number	Sheet Title
1	COVER SHEET
2	GENERAL NOTES
3	EXISTING CONDITIONS PLAN
4	OVERALL LAYOUT PLAN
5	LAYOUT PLAN PLAYGROUND
6	LAYOUT PLAN SPLASH PAD
7	OVERALL GRADING PLAN
8	PLAYGROUND AND SPLASH PAD GRADING PLAN
9	STORMWATER POND GRADING PLAN
10	STORMWATER POLLUTION PREVENTION PLAN
11	STORMWATER POLLUTION PREVENTION PLAN NOTES
12	STORMWATER POLLUTION PREVENTION PLAN DETAILS
13	STORMWATER POLLUTION PREVENTION PLAN LOGS
14	DETAILS
15	DETAILS
16	DETAILS
17	LSI - PLAYGROUND PLAN
18-25	RAINDECK - SPLASH PAD PLANS
26-32	RESTROOM ARCHITECTURAL PLANS
33-41	RESTROOM MECHANICAL/ELECTRICAL PLANS

OUPS UTILITY LIST:

- | | |
|-------------|--------------------------|
| 1. WATER | - AQUA OHIO, INC. |
| 2. GAS | - ENBRIDGE GAS OHIO |
| 3. CATV | - CHARTER COMMUNICATIONS |
| 4. SANITARY | - VILLAGE OF JEFFERSON |
| 5. TRAFFIC | - VILLAGE OF JEFFERSON |
| 6. ELECTRIC | - ILLUMINATING CO |
| 7. OTHER | - BRIGHTSPEED COMM |



1-800-362-2764

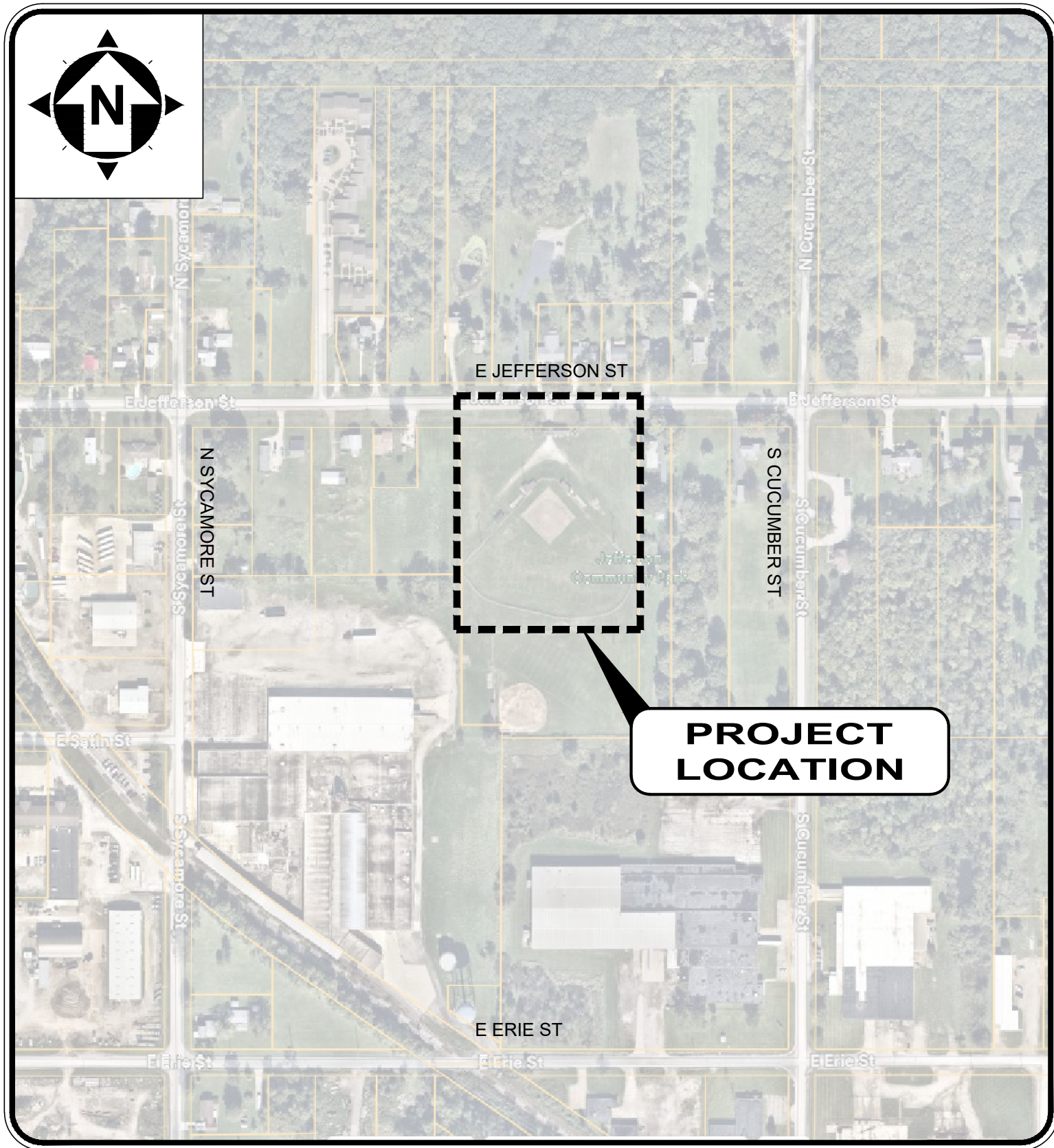
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

OUPS TICKET NUMBERS

A507902886 / A507902906

- UNDERGROUND BUILDING SERVICE UTILITY LINES ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING, MAINTAINING AND REPLACING AS NECESSARY TO ENSURE CONTINUAL SERVICE TO BUILDINGS.
- THE CONTRACTOR IS RESPONSIBLE TO CALL OHIO UTILITIES PROTECTION SERVICE @ 1-800-362-2764, THREE WORKING DAYS PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THEIR EFFORTS WITH THE LISTED OUPS ONE CALL UTILITIES AS WELL AS ANY ENCOUNTERED UTILITIES THAT MAY BE UNLISTED.

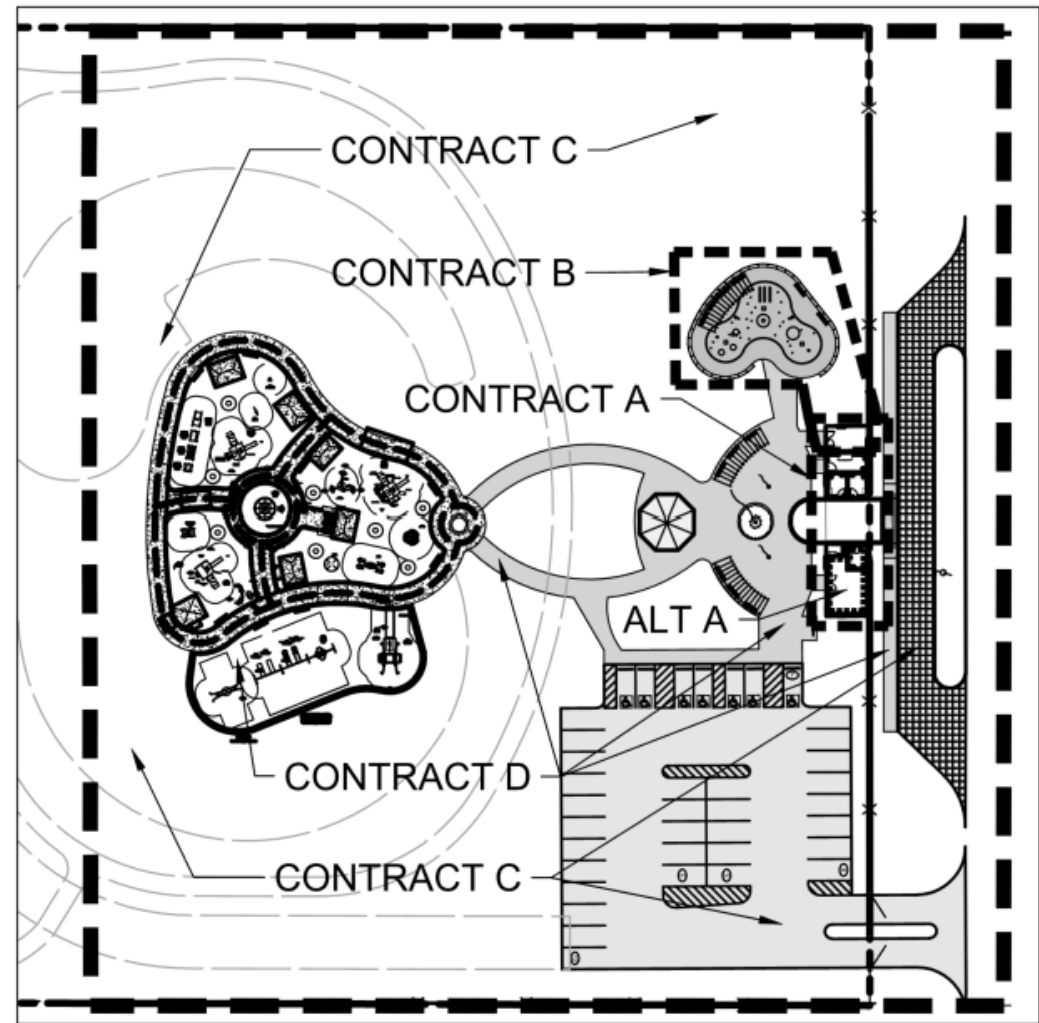
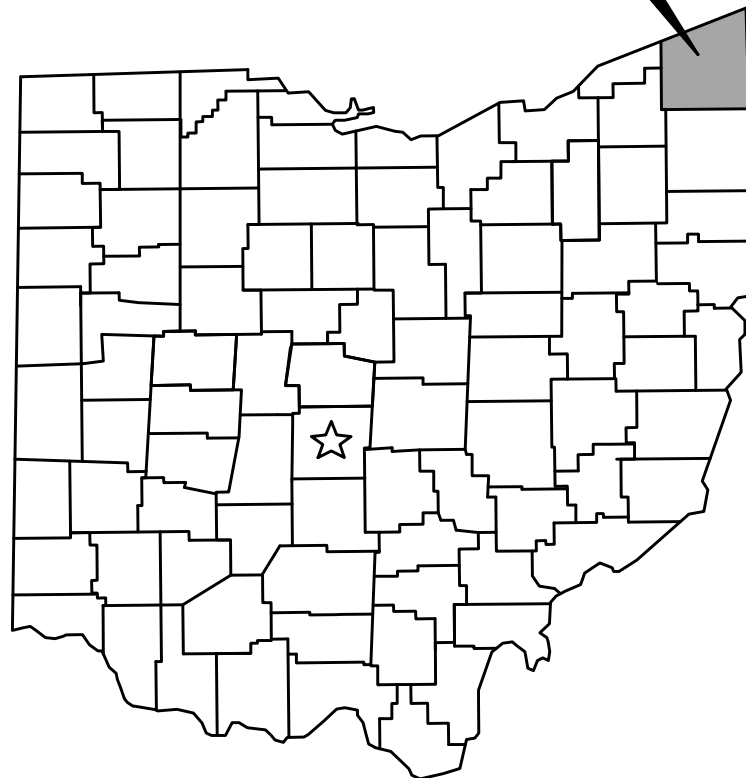
SEPTEMBER 2025



LOCATION MAP

NOT TO SCALE

ASHTABULA COUNTY



CONTRACT AREA MAP

NOT TO SCALE

VILLAGE OF JEFFERSON APPROVALS:

	9/17/25
MAYOR	DATE
	9/12/25
VILLAGE ADMINISTRATOR	DATE

PROJECT DESCRIPTION:

THIS PROJECT INVOLVES COMMUNITY PARK ENHANCEMENTS, INCLUDING THE RENOVATION OF THE RESTROOM BUILDING, THE ADDITION OF A DROP-OFF AREA, A FRONT PLAZA, THE DEVELOPMENT OF NEW PARKING LOT, A NEW PLAYGROUND AND SPLASH PAD AREA IN THE VILLAGE OF JEFFERSON, ASHTABULA COUNTY, OHIO.

ENGINEER:

VERDANTAS
8150 STERLING COURT
MENTOR, OH 44060

(440) 530-2372 PHONE

RICHARD WASHINGTON PLA. #794

9-12-25

DATE

verdantas

ENGINEER'S PROJECT No. 242425

GENERAL

A PRECONSTRUCTION CONFERENCE SCHEDULED BY THE VILLAGE OF JEFFERSON SHALL BE HELD PRIOR TO ANY WORK STARTING. IN ADDITION, THE CONTRACTOR SHALL PROVIDE 48 HOURS NOTICE TO THE VILLAGE OF JEFFERSON AND PRIOR TO BEGINNING WORK TO ARRANGE FOR INSPECTION.

THE IMPROVEMENT PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE APPLICABLE RULES AND REGULATIONS OF THE VILLAGE OF JEFFERSON, AS WELL AS THE CONSTRUCTION AND MATERIAL SPECIFICATIONS OF THE OHIO DEPARTMENT OF TRANSPORTATION, 2023 EDITION, INCLUDING ALL SUPPLEMENTAL SPECIFICATIONS AND DRAWINGS, SHALL GOVERN THIS PROJECT. FOR PURPOSES OF THIS PLAN, REFERENCES TO DIRECTOR OR ENGINEER SHALL BE CONSTRUED TO MEAN THE JEFFERSON VILLAGE ENGINEER AND/OR HIS REPRESENTATIVE.

ALL WORK CONTEMPLATED SHALL BE GOVERNED BY THE RULES, REGULATIONS AND SPECIFICATIONS OF THE VILLAGE OF JEFFERSON, THE ASHTABULA COUNTY SOIL AND WATER CONSERVATION DISTRICT AND AT ALL TIMES BE SUBJECT TO THEIR DIRECT SUPERVISION AND INSPECTION.

ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL COMPLY WITH THE U.S. DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

MATERIAL TESTING AND PERMITS

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF ALL MATERIAL AND EQUIPMENT TESTING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED FOR THIS PROJECT. THE EXECUTED PROJECT CONTRACT SHALL SERVE TO FULFILL THE VILLAGE OF JEFFERSON'S PERMITTING REQUIREMENTS.

UTILITIES

THE CONTRACTOR MUST CONTACT THE OHIO UTILITIES PROTECTION SERVICE (OUPS) AT 1-800-362-2764 AND THE OHIO OIL AND GAS ASSOCIATION (OGPUS) AT 1-800-925-0988 AT LEAST 48 HOURS, BUT NO MORE THAN 10 WORKING DAYS, BEFORE BEGINNING ANY DIGGING, EXCLUDING SATURDAYS, SUNDAYS AND OTHER LEGAL HOLIDAYS. NON-MEMBER UTILITIES MUST BE CONTACTED DIRECTLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE WRITTEN REQUIREMENTS OF OUPS AND OGPUS. THE CONTRACTOR SHALL COORDINATE THE MARKING AND/OR LOCATING TO STAY A MINIMUM OF TWO WORKING DAYS AHEAD OF PLANNED CONSTRUCTION ACTIVITIES.

THE UTILITY OWNERSHIPS ARE AS FOLLOWS:

OHIO UTILITY PROTECTION SERVICE
106 WEST RYEN, ROOM 427
YOUNGSTOWN, OHIO 44051
PHONE: (800) 362-2746

VILLAGE OF JEFFERSON
STREETS DEPARTMENT
WILLIAM HITCHCOCK - DEPT SUPERVISOR
221 N MARKET ST.
JEFFERSON, OHIO 44047
PHONE: (440) 812-2384

CHARTER COMMUNICATION
JASON SPRAGUE
3315 N RIDGE RD. E. SUITE 100
ASHTABULA, OHIO 44004
EMAIL: JASON.SPRAGUE@CHARTER.COM

AQUA OHIO INC.
BILL BOWERS, MANAGER
8644 STATION STREET
MENTOR, OHIO 44060
PHONE: (440) 255-7280 EXT 50611
EMAIL: WMBOWERS@AQUAAAMERICA.COM

BRIGHTSPEED COMMUNICATIONS
DAVID RUMMEL
7820 DIVISION DRIVE
MENTOR, OHIO 44060
PHONE: (330)-219-2773
EMAIL: DAVID.B.RUMMEL@BRIGHTSPEED.COM

THE ILLUMINATING CO.
ARTHER STITT
755 AUBURN RD.
PAINESVILLE, OHIO 44077
PHONE: (440)358-4983
EMAIL: ASTITT@FIRSTENERGYCORP.COM

ENBRIDGE GAS OHIO
320 SPRINGSIDE DRIVE, SUITE 320
AKRON, OHIO 44333
PHONE: (330) 664-2409

THE OWNER OF THE UNDERGROUND UTILITY FACILITY SHALL, WITHIN 48 HOURS, EXCLUDING SATURDAY, SUNDAYS AND LEGAL HOLIDAYS, AFTER NOTICE IS RECEIVED, STAKE, MARK OR OTHERWISE DESIGNATE THE LOCATION OF THE UNDERGROUND UTILITY FACILITIES IN THE CONSTRUCTION AREA IN SUCH A MANNER AS TO INDICATE THEIR COURSE TOGETHER WITH THE APPROXIMATE DEPTH AT WHICH THEY WERE INSTALLED. THE MARKING OR LOCATING SHALL BE COORDINATED TO STAY APPROXIMATELY TWO (2) DAYS AHEAD OF THE PLANNED CONSTRUCTION.

CONTRACTORS RESPONSIBILITY FOR UTILITY PROPERTY AND SERVICES

AT POINTS WHERE THE CONTRACTOR'S OPERATIONS ARE ADJACENT TO PROPERTIES OF TELEPHONE, CABLE, AND POWER COMPANIES, OR ARE ADJACENT TO OTHER PROPERTY, DAMAGE TO WHICH MIGHT RESULT IN CONSIDERABLE EXPENSE, LOSS, OR INCONVENIENCE, WORK SHALL NOT BE COMMENCED UNTIL ALL ARRANGEMENTS NECESSARY FOR THE PROTECTION THEREOF HAVE BEEN MADE.

THE CONTRACTOR SHALL COOPERATE WITH THE OWNERS OF ANY UNDERGROUND OR OVERHEAD UTILITY LINES IN THEIR REMOVAL AND REARRANGEMENT OPERATIONS IN ORDER THAT THESE OPERATIONS MAY PROGRESS IN A REASONABLE MANNER, THAT DUPLICATION OF REARRANGEMENT WORK MAY BE REDUCED TO A MINIMUM, AND THAT SERVICES RENDERED BY THOSE PARTIES WILL NOT BE UNNECESSARILY INTERRUPTED.

PROTECTION AND RESTORATION OF PROPERTY

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PRESERVATION OF ALL PUBLIC AND PRIVATE PROPERTY.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE OR INJURY TO PROPERTY AND/OR PERSONS DURING THE PROSECUTION OF THE WORK, RESULTING FROM ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN HIS MANNER OR METHOD OF EXECUTING THE WORK, OR AT ANY TIME DUE TO DEFECTIVE WORK OR MATERIALS, AND SAID RESPONSIBILITY WILL NOT BE RELEASED UNTIL THE PROJECT SHALL HAVE BEEN COMPLETED AND ACCEPTED.

DUST NUISANCE ORIGINATING FROM ANY OF THE CONTRACTOR'S OPERATIONS EITHER INSIDE OR OUTSIDE THE RIGHT-OF-WAY SHALL BE CONTROLLED BY THE CONTRACTOR IN ACCORDANCE WITH LOCAL ORDINANCES AND REGULATIONS AT THE SOLE EXPENSE OF THE CONTRACTOR.

WHEN OR WHERE ANY DIRECT OR INDIRECT DAMAGE OR INJURY IS DONE TO PUBLIC OR PRIVATE PROPERTY BY OR ON ACCOUNT OF ANY ACT, OMISSION, NEGLIGENCE OR MISCONDUCT IN THE EXECUTION OF THE WORK, OR IN CONSEQUENCE OF THE NONEXECUTION THEREOF BY THE CONTRACTOR, HE SHALL RESTORE, AT HIS OWN EXPENSE, SUCH PROPERTY TO A CONDITION SIMILAR OR EQUAL TO THAT EXISTING BEFORE SUCH DAMAGE OR INJURY WAS DONE BY REPAIRING, REBUILDING OR OTHERWISE RESTORING AS MAY BE DIRECTED, OR SHALL MAKE GOOD SUCH DAMAGE OR INJURY IN AN ACCEPTABLE MANNER.

SUBSURFACE INVESTIGATIONS

IT IS THE OBLIGATION AND RESPONSIBILITY OF THE CONTRACTOR TO MAKE HIS OWN INVESTIGATION OF SUBSURFACE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL. SUBSURFACE SOIL INVESTIGATIONS WERE NOT PERFORMED FOR THIS PROJECT.

CONNECTION TO EXISTING PIPE

WHERE THE PLANS PROVIDE FOR PROPOSED CONDUIT TO BE CONNECTED TO OR TO CROSS EITHER OVER OR UNDER AN EXISTING PIPE, IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE THE EXISTING PIPE, BOTH AS TO LINE AND GRADE, AND ADJUST LINE AND/OR GRADE AS NECESSARY BEFORE STARTING TO LAY THE PROPOSED CONDUIT.

PAYMENT FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE PERTINENT CONDUIT ITEM.

EXISTING NATURAL GAS FACILITIES

THE ENBRIDGE GAS OHIO NATURAL GAS COMPANY SHALL BE RESPONSIBLE FOR ALL RELOCATIONS OF THEIR GAS MAIN FACILITIES AS REQUIRED, INCLUDING HOUSE CONNECTIONS AND VALVE BOX RELOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VALVE BOX AND ALL OTHER GAS MAIN APURTANCE ADJUSTMENTS TO GRADE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS WORK WITH ENBRIDGE GAS OHIO SO THAT COMPLETION OF HIS WORK IS NOT DELAYED BY THE ENBRIDGE GAS OHIO WORK. THE CONTRACTOR SHALL NOTIFY ENBRIDGE GAS OHIO AT LEAST 48 HOURS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THEIR SYSTEM.

DRIVEWAY AND ROADWAY PAVEMENT INSTALLATION

ALL PAVEMENT INSTALLATION SHOULD BE CONDUCTED UNDER SUITABLE WEATHER CONDITIONS. THE ENGINEER SHALL BE NOTIFIED IN ADVANCE OF ANY PROPOSED PAVEMENT INSTALLATION TO DETERMINE THE SUITABILITY OF WEATHER CONDITIONS FOR PAVEMENT INSTALLATION.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF ALL ROADWAYS AND DRIVES PRIOR TO FINAL INSTALLATION. THE COST OF ANY TEMPORARY SURFACE MATERIAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE ITEM OF WORK.

VIDEOTAPING

THE CONTRACTOR SHALL PROVIDE ABOVE GROUND VIDEOTAPING OF ALL WORK AREAS PRIOR TO THE BEGINNING OF THE WORK. THE CONTRACTOR SHALL NOT START WORK UNTIL SUCH TIME AS THE ENGINEER HAS BEEN PROVIDED A COPY OF THE COMPLETE VIDEO.

DEWATERING

THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROLLING ANY INCOMING WATER TO THE EXTENT THAT THE SHAFT EXCAVATION IS MAINTAINED DRY ENOUGH FOR PERFORMANCE OF THE REQUIRED INSPECTION AND CONCRETING OPERATIONS. THE PREFERRED METHOD OF CONSTRUCTION IS TO PLACE THE CONCRETE IN A CLEAN, DRY EXCAVATION. THE CONTRACTOR IS EXPECTED TO MAKE A REASONABLE ATTEMPT TO SEAL WATER OUT OF THE DRILLED SHAFT EXCAVATION.

DEVIATION FROM PLAN

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COSTS INVOLVED WHEN MAKING CORRECTIONS TO HIS UNAUTHORIZED DEVIATIONS FROM THE PLANS.

MATERIAL SPECIFICATIONS

MATERIAL SPECIFICATIONS CALLED FOR ON THE PLANS REPRESENT THE MINIMUM REQUIRED FOR EACH APPLICATION. THE OWNER MAY REQUEST OR THE CONTRACTOR MAY DESIRE TO SUBSTITUTE ALTERNATE MATERIALS. ANY SUCH SUBSTITUTIONS MUST BE EQUIVALENT IN QUALITY TO THE MATERIAL CALLED FOR AND MUST BE APPROVED IN WRITING BY THE APPROVING AGENCIES AND THE ENGINEER.

THE CONTRACTOR SHALL INCLUDE THE COST OF GRANULAR BACKFILL MATERIAL UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN THE PRICE BID PER LINEAR FOOT OF PIPE.

SLAG SHALL NOT BE USED FOR BEDDING OR BACKFILL.

STORM SEWER PIPING LESS THAN 12" IN DIAMETER SHALL BE PVC SDR 35 PER ODOT 707.45.
STORM SEWER PIPING 12" TO 36" IN DIAMETER SHALL BE HDPE PIPE WITH FITTINGS CONFORMING TO O.D.O.T. SPECIFICATION 707.33 (HDPE).

A-LOK FIELD INSERTED SEALS SHALL BE USED AND GROUTED IN (NON-SHRINK) WHERE STRUCTURES AND FABRICATION ISSUES EXIST DO TO PIPE LOCATIONS AND ANGLES.

INSERTA TEE SHALL BE USED TO MAKE INLINE CONNECTIONS FOR THE 4 INCH & 6 INCH TIE-INS WHERE ENCOUNTERED.

ALL WATER LINE MATERIALS SHALL BE IN ACCORDANCE WITH ASHTABULA COUNTY DEPARTMENT OF UTILITIES.

APPROVAL BEFORE CONCRETE PLACEMENT

THE CONTRACTOR SHALL SUBMIT TO THE PROJECT ENGINEER A WRITTEN REPORT OF STEPS AND PROCEDURES THAT HE PROPOSES TO FOLLOW WHEN PLACING AND MONITORING THE CONCRETE PLACEMENT. NO CONCRETE SHALL BE PLACED DURING INCLEMENT WEATHER CONDITIONS WHICH PROHIBIT A THOROUGH INSPECTION.

REINFORCING STEEL

REINFORCING STEEL SHALL MEET THE REQUIREMENTS OF ITEM 509. THE REINFORCING STEEL SHALL BE GRADE 60, EPOXY COATED ASTM A615. SEE DETAILS FOR REINFORCING REQUIREMENTS.

SITE RESTORATION

THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.

PERMANENT SEEDING SHALL NOT BE CONSIDERED ESTABLISHED FOR AT LEAST 1 FULL YEAR FROM THE TIME OF PLANTING. DURING THIS PERIOD, INSPECT FOR SOIL EROSION OR PLANT LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED OR RE-MULCH AS NEEDED.

ADEQUATE PERMANENT VEGETATION SHALL BE GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION, AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.

SAFETY PROVISIONS

THE CONTRACTOR SHALL HAVE AT THE JOB SITE ALL EQUIPMENT AND MATERIALS NEEDED TO PROVIDE SAFE CONSTRUCTION AND INSPECTION OF THE DRILLED SHAFTS AS REQUIRED BY CITY, STATE AND FEDERAL SAFETY REQUIREMENTS. WHERE UTILITY OUPS MARKINGS SHOW POTENTIAL CONFLICT, THE CONTRACTOR SHALL NOTIFY THE ENGINEER TO DETERMINE A NEED TO ADJUST THE LOCATION. THE CONTRACTOR SHOULD EXPECT TO POT-HOLE LOCATIONS WHICH APPEAR TO HAVE OUPS MARKINGS ADJACENT TO PROPOSED POLE LOCATIONS IN ORDER TO DETERMINE CLEARANCES. PAYMENT SHOULD BE INCLUDED IN THE LIGHT POLE FOUNDATION BID ITEM.

DRAINAGE, SOIL EROSION, SEDIMENT AND DUST CONTROL

POSITIVE DRAINAGE OF ALL CONSTRUCTION AREAS SHALL BE MAINTAINED AT ALL TIMES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY SOIL EROSION AND SEDIMENT CONTROL IN ACCORDANCE WITH ODOT ITEM 670 AND AS REQUIRED BY THE LOCAL COUNTY SOIL AND WATER CONSERVATION DISTRICT.

THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY, SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE PERFORMED DAILY OR AS DIRECTED BY THE CITY, TO MAINTAIN ALL PAVED AREAS AFFECTED BY THE CONSTRUCTION.

THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION INSTALL & MAINTAIN THE FOLLOWING TEMPORARY EROSION & SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION:

- INLET PROTECTION
- SILT SOCKS AROUND PERIMETER OF DISTURBED AREAS AND STOCK PILES.
- CONCRETE WASHOUT PIT
- DAILY SWEEPING
- CONSTRUCTION ENTRANCE (IF NON PAVED AREAS ARE USED)
- TEMPORARY & PERMANENT SEEDING.

PAYMENT FOR ALL SOIL EROSION, SEDIMENT AND DUST CONTROL MEASURES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER VARIOUS ITEMS.

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 - CONCRETE WASHOUT PIT
 - DAILY SWEEPING
 - CONSTRUCTION ENTRANCE (IF NON PAVED AREAS ARE USED)
 - TEMPORARY & PERMANENT SEEDING.
- PAYMENT FOR ALL SOIL EROSION, SEDIMENT AND DUST CONTROL MEASURES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR OTHER VARIOUS ITEMS.

MAINTENANCE OF TRAFFIC

- THE CONTRACTOR SHALL MAINTAIN TRAFFIC ADJACENT TO THE PROJECT. THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL SIGNS, FLAGS, FLAG PERSONS, BARRICADES, SIGN SUPPORTS, CONES, BARRELS AND INCIDENTALS IN CONFORMANCE WITH THE MOST RECENT REVISED EDITION OF THE OHIO MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS. INTERFERENCE WITH TRAFFIC SHALL BE KEPT MINIMAL AT ALL TIMES. ALL OPEN TRENCHES AND EXCAVATIONS SHALL BE PROTECTED WITH DRUMS, BARRICADES, OR BARRIERS AT ALL TIMES.

LAYOUT NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING.
- ALL DIMENSIONS ARE TO FACE OF CURB OR FACE OF BUILDING UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT STAKING INCLUDING HORIZONTAL AND VERTICAL CONTROL. THESE PLANS HAVE BEEN DEVELOPED FOR ELECTRONIC LAYOUT STAKING. ANY DISCREPANCIES DISCOVERED IN THE PLAN INFORMATION, OR BETWEEN THE PLAN AND ELECTRONIC DATA, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE DESIGN ENGINEER SO THE APPROPRIATE ADJUSTMENTS MAY BE MADE PRIOR TO THE START OF CONSTRUCTION OR THE CONTINUATION OF THE SAME. THE DESIGN ENGINEER MAKES NO REPRESENTATION REGARDING FITNESS FOR ANY PARTICULAR PURPOSE, OR SUITABILITY FOR USE WITH ANY SOFTWARE OR HARDWARE. DUE TO THE EASILY ALTERABLE NATURE OF ELECTRONIC DOCUMENTS, THROUGH EITHER UNINTENTIONAL OR INTENTIONAL MEANS, THE DESIGN ENGINEER DOES NOT MAKE ANY EXPRESS OR IMPLIED WARRANTY FOR THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND THEREFORE, ACCEPTS NO LIABILITY FOR THE COMPLETENESS, CORRECTNESS OR READABILITY OF THE ELECTRONIC DATA. HARD COPIES (I.E., PRINTS, PAPER COPIES, ETC.) SHALL PREVAIL IN ANY DISPUTE OVER ACCURACY OR SUFFICIENCY OF ELECTRONIC DOCUMENTS.

EXISTING CONDITION AND DEMOLITION NOTES:

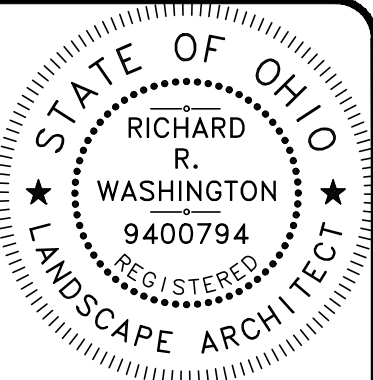
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THE CONSTRUCTION PLANS WERE OBTAINED BY FIELD OBSERVATIONS, FROM EXISTING RECORDS, AND/OR FROM THE OWNERS OF THE RESPECTIVE UTILITIES. THE INFORMATION AS SHOWN IS BELIEVED TO BE CORRECT; HOWEVER, THE COMPLETENESS AND ACCURACY OF THIS INFORMATION CANNOT BE GUARANTEED. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTACT ALL THE VARIOUS UTILITY COMPANIES (PUBLIC AND PRIVATE) TO VERIFY THE EXISTENCE, LIMITS AND/OR LOCATION OF ANY UTILITIES WHICH MAY BE ALONG THE ROUTE OR WITHIN THE VICINITY OF THIS IMPROVEMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THE EXISTENCE AS WELL AS THE ACTUAL LOCATION, ALIGNMENT, AND ELEVATIONS OF ALL EXISTING UTILITIES/FACILITIES WITHIN AND/OR ADJACENT TO THE GENERAL LIMITS OF THESE IMPROVEMENTS INCLUDING WATERLINES, SANITARY AND STORM SEWERS, GAS LINES, COMMUNICATION LINES/BANKS, ELECTRIC LINES, ETC. THIS MAY REQUIRE EXPLORATORY EXCAVATIONS TO BE PERFORMED BY THE CONTRACTOR FOR WHICH HE WILL NOT BE REIMBURSED. THE CONTRACTOR SHALL NOT ASSUME THAT EXISTING UTILITIES/CONDUITS WERE INSTALLED AT TYPICAL/STANDARD DEPTHS OR AT UNIFORM SLOPES/GRADES/DEPTHS BETWEEN ACCESS POINTS (CATCH BASINS, MANHOLES, JUNCTION CHAMBERS, ETC.)
- CLEARING AND GRUBBING SHALL BE PERFORMED WHERE EARTHWORK IS REQUIRED. THIS WORK SHALL INCLUDE CLEARING, GRUBBING, SCALPING, TREE AND STUMP REMOVAL, AND THE REMOVAL AND DISPOSAL OF ALL VEGETATION AND DEBRIS WITHIN THE LIMITS OF WORK.
- THE CONTRACTOR SHALL REMOVE ALL SURPLUS MATERIAL, DEMOLISHED MATERIALS AND WASTE MATERIALS INCLUDING TREES, STUMPS, BRUSH, TRASH AND DEBRIS, FROM THE PROJECT LIMITS AND LEGALLY DISPOSE OF OFF-SITE.
- PAVEMENT TO BE REMOVED SHALL BE SAWCUT IN A NEAT AND STRAIGHT LINE PRIOR TO EXCAVATION AND REMOVED FULL DEPTH AT LIMITS OR EXISTING JOINTS AS SHOWN IN THE PLANS. ADDITIONAL SAWCUTS MAY BE DESIRED TO FACILITATE THE REMOVAL OF THE EXISTING PAVEMENT, BUT THERE WILL BE NO EXTRA PAYMENT. PAVEMENT SHALL BE REMOVED WITHOUT DAMAGING OR UNDERMINING THE PAVEMENT TO REMAIN. IF ADJACENT PAVEMENT IS DAMAGED, THE CONTRACTOR SHALL MAKE ADDITIONAL SAWCUTS, REMOVE THE DAMAGED AREAS AND REPAIR AS NECESSARY WITH NO ADDITIONAL COMPENSATION.
- ANY ITEM NOT MARKED TO BE REMOVED SHALL REMAIN IN PLACE UNDISTURBED AND BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- NO ATTEMPT HAS BEEN MADE TO NOTE ALL LOCATIONS OR SPECIFIC EXTENT OF DEMOLITION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL DEMOLITION NECESSARY TO EXECUTE THE NEW PLAN INCLUDING COORDINATION OF DEMOLITION WORK WITH NEW WORK SO AS NOT TO CREATE CONFLICTS OF NEW INSTALLATION.
- ALL DEMOLISHED ITEMS SHALL BECOME PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF PROPERLY.
- ANY UTILITY TO BE REMOVED, RELOCATED, SHUT-OFF, AND/OR RECONNECTED BY THE RESPECTIVE UTILITY COMPANY SHALL BE COORDINATED BY THE CONTRACTOR.
- ALL EXCAVATIONS RESULTING FROM UTILITY REMOVALS SHALL BE BACKFILLED WITH PREMIUM GRANULAR MATERIAL MEETING ODOT ITEM 304 TO WITHIN 8" OF SURFACE. TOP WITH TOPSOIL IN LAWN AREAS.

GRADING NOTES:

- ALL EXCAVATION IS CONSIDERED UNCLASSIFIED AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS, METHODS AND MATERIALS OF CONSTRUCTION TO COMPLETE CONSTRUCTION AS DESIGNED. THE OWNER NOR THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE TYPE AND/OR SUITABILITY OF THE MATERIAL UNDERLYING THE PROJECT SITE. THE BIDDER SHALL PERFORM ANY INVESTIGATIONS AND/OR TESTING NECESSARY TO ADEQUATELY DETERMINE OR ESTIMATE TO THEIR SATISFACTION ANY EXISTING SITE CONDITION WHICH COULD AFFECT HIS BID OR THE PERFORMANCE OF THE PROPOSED IMPROVEMENTS. THIS COULD INCLUDE, BUT NOT BE LIMITED TO, UNSUITABLE AND/OR UNSTABLE SOILS/SUBSURFACE CONDITIONS, ROCK, WATER (PERCHED OR FREE), SPRINGS, OBSTRUCTIONS, ETC.
- THE CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS AND OTHER FACILITIES TO REMAIN FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT, AND OTHER HAZARDS CREATED BY EARTH MOVING OPERATIONS.
- THE INTENT OF THIS PROJECT IS TO UTILIZE ALL USEABLE MATERIALS EFFICIENTLY. ACTUAL FIELD CONDITIONS MAY REQUIRE DECISIONS ON MATERIAL HANDLING AND USAGE. THE CONTRACTOR IS RESPONSIBLE FOR MONITORING AND MAINTAINING SITE CONDITIONS.
- THE CONTRACTOR SHALL STRIP TOPSOIL FROM AREAS TO BE GRADED AND STOCKPILE IT PRIOR TO SITE GRADING OPERATIONS. TOPSOIL SHALL BE STRIPPED TO WHATEVER DEPTH ENCOUNTERED IN A MANNER TO PREVENT INTERMINGLING WITH UNDERLYING SUBSOIL OR OTHER WASTE MATERIALS.
- DO NOT STOCKPILE SOIL MATERIALS NEAR THE EDGE OF EXCAVATIONS OR WITHIN DRIP LINES OF TREES TO REMAIN.
- EXCESS MATERIAL GENERATED FROM TRENCH EXCAVATION OPERATIONS SHALL BE INCORPORATED IN THE UNIT PRICE BID FOR EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION.
- THE CONTRACTOR SHALL PERFORM EXCAVATION AND EMBANKMENT OPERATIONS AS NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS AND ACHIEVE THE FINISHED GRADES SHOWN ON THE PLANS, EXCEPT AS NOTED:
 - STRUCTURAL FILL SHALL BE PLACED AND COMPACTED UNDER ALL BUILDING SLABS, FOOTINGS AND PAVEMENT.
 - SOIL OBTAINED ON-SITE MAY BE USED AS FILL MATERIAL PROVIDED IT IS FREE OF ORGANIC MATTER, DEBRIS, EXCESSIVE MOISTURE, AND ROCK FRAGMENTS 6" AND LARGER.
 - NO SLAG, RIVER GRAVEL, RECYCLED PORTLAND CEMENT CONCRETE, RECLAIMED ASPHALT CONCRETE PAVEMENT OR RECLAIMED BITUMINOUS AGGREGATE BASE MAY BE USED.
 - THE CONTRACTOR SHALL DISPOSE OFF-SITE ANY EXCESS OR UNSUITABLE MATERIAL UNABLE TO BE PLACED ON-SITE.
 - UNSUITABLE MATERIAL ENCOUNTERED DURING INSTALLATION OF PROPOSED IMPROVEMENTS (I.E. BUILDINGS, UTILITIES, PAVEMENT, ETC.) SHALL BE UNDERCUT AND REPLACED WITH COMPACTED FILL OR STABILIZED IN-PLACE UTILIZING CONVENTIONAL MEASURES SUCH AS DISCING, AERATION OR RECOMPACTION. OTHER MEANS OF STABILIZATION SHALL BE AT THE DISCRETION OF THE OWNER OR GEOTECHNICAL ENGINEER.
- IT IS THE INTENT OF THE SLOPES AND SPOT GRADES NOTED ON THE PLANS TO PROVIDE POSITIVE DRAINAGE TO STORM WATER COLLECTION POINTS. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES IMMEDIATELY TO THE DESIGN ENGINEER FOR RESOLUTION.
- EXPOSED PAVEMENT SUBGRADE AREAS SHALL BE MAINTAINED IN SUCH CONDITION THAT IT WILL BE WELL DRAINED AT ALL TIMES TO PREVENT PONDING OF WATER AFTER RAINS.
- ALL EXISTING AND PROPOSED MANHOLE COVERS, VALVE BOXES, ETC., LOCATED WITHIN PEDESTRIAN RIGHT-OF-WAYS OR SIDEWALKS SHALL BE FLUSH MOUNTED WITH THE WALKING SURFACE.
- THE CONTRACTOR SHALL RECONSTRUCT ANY SUBGRADE DAMAGED BY FREEZING TEMPERATURES, FROST, RAIN, ACCUMULATED WATER OR CONSTRUCTION ACTIVITIES WITHOUT ADDITIONAL COMPENSATION.

UTILITY NOTES:

- THE CONTRACTOR SHALL PROTECT, SUPPORT AND SHORE UP ANY EXISTING UTILITY ENCOUNTERED DURING CONSTRUCTION AND COORDINATE ALL WORK TO BE PERFORMED WITH EACH RESPECTIVE UTILITY COMPANY, INCLUDING WORK BEING PERFORMED DIRECTLY BY THE UTILITY COMPANIES, FOR MAIN OR SERVICE CONNECTIONS, DISCONNECTIONS, RELOCATIONS, DEMOLITION AND INSPECTIONS. THE CONTRACTOR SHALL SECURE AND PAY FOR ANY PERMITS, FEES AND UTILITY COMPANY CHARGES.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE THE NECESSARY LEVELS OF PROTECTION AND SAFEGUARDING OF ALL OPEN TRENCHES, WHEN WORK IS EITHER ACTIVE, COMPLETED AT THE END OF THE DAY OR SUSPENDED FOR ANY OTHER REASON. THIS INCLUDES TRENCH PROTECTION SUCH AS TRENCH BOXES, WOOD SHEETING AND BRACING, OR ANY OTHER METHOD DETERMINED BY THE CONTRACTOR TO MAINTAIN A SAFE WORKING ENVIRONMENT. ALL EXCAVATIONS SHALL COMPLY WITH APPLICABLE LAWS AND REGULATIONS (FEDERAL, STATE AND LOCAL).
- WHERE THE PLANS PROVIDE FOR NEW CONDUIT TO BE CONNECTED TO OR CROSS OVER OR UNDER AN EXISTING UTILITY, THE CONTRACTOR SHALL LOCATE THE EXISTING UTILITY BOTH AS TO LINE AND GRADE BEFORE BEGINNING TO LAY THE NEW CONDUIT.
- THE CONTRACTOR SHALL JET-CLEAN ALL STORM SEWERS AND VACUUM CLEAN ALL MANHOLES AND CATCH BASINS BEFORE ACCEPTANCE BY THE OWNER.
- ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- THE CONTRACTOR SHALL INCLUDE THE COST OF GRANULAR BACKFILL MATERIAL UNDER ALL EXISTING AND PROPOSED PAVEMENTS IN THE PRICE BID PER LINEAR FOOT OF PIPE.
- SLAG SHALL NOT BE USED FOR BEDDING OR BACKFILL.
- STORM SEWERS
STORM MAIN SEWERS SHALL BE ONE OF THE FOLLOWING:
 - POLYVINYL CHLORIDE PIPE (PVC) 4" - 15" DIAMETER
 - ALL POLYVINYL CHLORIDE PIPE IN THIS SIZE RANGE SHALL CONFORM TO ASTM D-3034 SDR 35, SHALL BE INTEGRAL BELL AND SPIGOT TYPE, WITH JOINTS CONFORMING TO ASTM D-3212 AND ELASTOMERIC SEALS CONFORMING TO ASTM F-477.
 - ALL PIPE AND FITTINGS SHALL BE MARKED OR STENCILED IN CONFORMANCE WITH ASTM D-3034. ALL GASKETS SHALL BE MARKED OR STENCILED WITH THE ASTM SPECIFICATION DESIGNATION, NAME OR TRADEMARK OF THE MANUFACTURER, AND PIPE SIZE.
 - POLYVINYL CHLORIDE PIPE (PVC) 18" - 27" DIAMETER
 - ALL LARGE DIAMETER POLYVINYL CHLORIDE PIPE SHALL CONFORM TO ASTM F-679, SHALL BE INTEGRAL BELL AND SPIGOT TYPE, WITH JOINTS CONFORMING TO ASTM D-3212 AND ELASTOMERIC SEALS CONFORMING TO ASTM F-477.
 - ALL PIPE AND FITTINGS SHALL BE MARKED OR STENCILED IN CONFORMANCE WITH ASTM F-679. ALL GASKETS SHALL BE MARKED OR STENCILED WITH THE ASTM SPECIFICATION DESIGNATION, NAME OR TRADEMARK OF THE MANUFACTURER, AND PIPE SIZE.
 - CORRUGATED POLYETHYLENE PIPE 12" DIAMETER AND LARGER
 - ALL CORRUGATED POLYETHYLENE PIPE IN THIS SIZE RANGE SHALL BE SMOOTH LINED CONFORMING TO ODOT 707.33. ALL PIPE AND FITTINGS SHALL BE MARKED OR STENCILED WITH THE APPROPRIATE CLASSIFICATION.
 - HIGH-DENSITY POLYETHYLENE PERFORATED PIPE 8"-15" DIAMETER
 - ALL PERFORATED HDPE PIPE SHALL ONLY BE USED FOR SYNTHETIC TURF FIELD SUBDRAINAGE SYSTEM, NOT FOR ANY OTHER STORM IMPROVEMENTS.
- ALL STORM SEWER JOINTS AND PIPES SHALL BE WATERTIGHT.



Richard Washington, License #7504
Expiration Date 12/31/2026

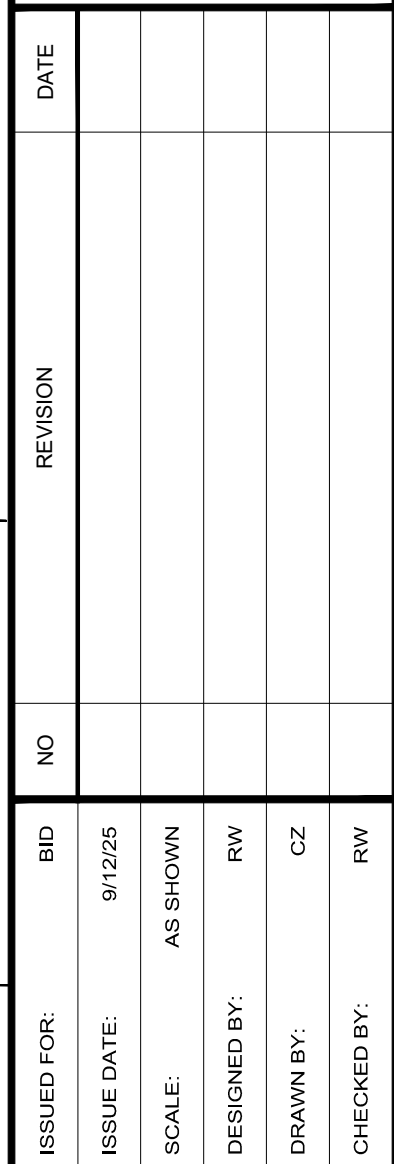
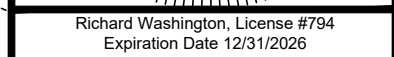
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			BID	9/12/25	AS SHOWN	RW	CZ	RW

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

GENERAL NOTES

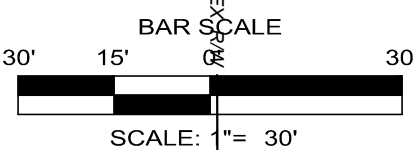
PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-1	
SHEET	OF
2	41



- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

JEFFERSON COMMUNITY PARK

PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-2	
SHEET	OF
3	41



01

HEAVY DUTY ASPHALT PAVEMENT - N.I.C.

02

STANDARD DUTY ASPHALT PAVEMENT - N.

03

PLAYGROUND SAFETY SURFACING - N.I.C.

04

BRICK PAVERS

05

CONCRETE SPLASH PAD

06

CONCRETE WALK

07

COLOR CONCRETE WALK

08

CONCRETE CURB

09

FLUSH CONCRETE CURB

10

LINESTRIPING - N.I.C.

11

PAVILION - N.I.C.

12

FRAMED CANOPY - N.I.C.

13

TALL FLAG POLE - N.I.C.

14

SHORT FLAGPOLE - N.I.C.

16

BENCH - N.I.C.

17

BIKE RACK - N.I.C.

18

HANDICAPPED PARKING SIGN - N.I.C.

19

WHEEL STOP - N.I.C.

20

ORNAMENTAL FENCE - N.I.C.

21

ADA RAMP

22

DEPRESSED CURB

LAYOUT BID NOTES

1. ITEMS NOT IN CONTRACT (N.I.C.) TO BE PROVIDED AND INSTALLED BY OTHERS INCLUDE:

A. ASPHALT SURFACING FOR THE PARKING LOT, DRIVE AND DROP OFF. THIS SCOPE OF WORK WILL BE PERFORMED BY THE PAVING CONTRACTOR UNDER A SEPARATE CONTRACT WITH THE VILLAGE.

B. PLAY EQUIPMENT, PLAY SURFACING AND PLAY HOUSES

C. SITE FURNISHINGS, PAVILION, FRAMED CANOPIES, FLAGPOLES, SPLASH PAD SEAT WALL, FENCING, GATES, PARKING SIGNS, PARKING BLOCKS AND LIGHT POLES.

The figure is a detailed landscape architectural plan for Jefferson Community Park. It is divided into two sheets, C-4 and C-5. Sheet C-4 shows a large playground area with various play structures, a splash pad, and a parking lot. Sheet C-5 shows a paved area with a splash pad, a playground, and a parking lot. The plan includes numerous dimensions, callouts for specific features, and a legend for materials and symbols. A north arrow and scale bar are located in the bottom right corner.

verdantas

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JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

OVERALL LAYOUT PLAN

PROJECT NO.	242425
DISCIPLINE	CIVIL
SHEET NAME	C-3
SHEET	4
OF	41

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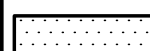
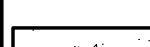
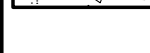
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JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

LAYOUT PLAN SPLASH PAD

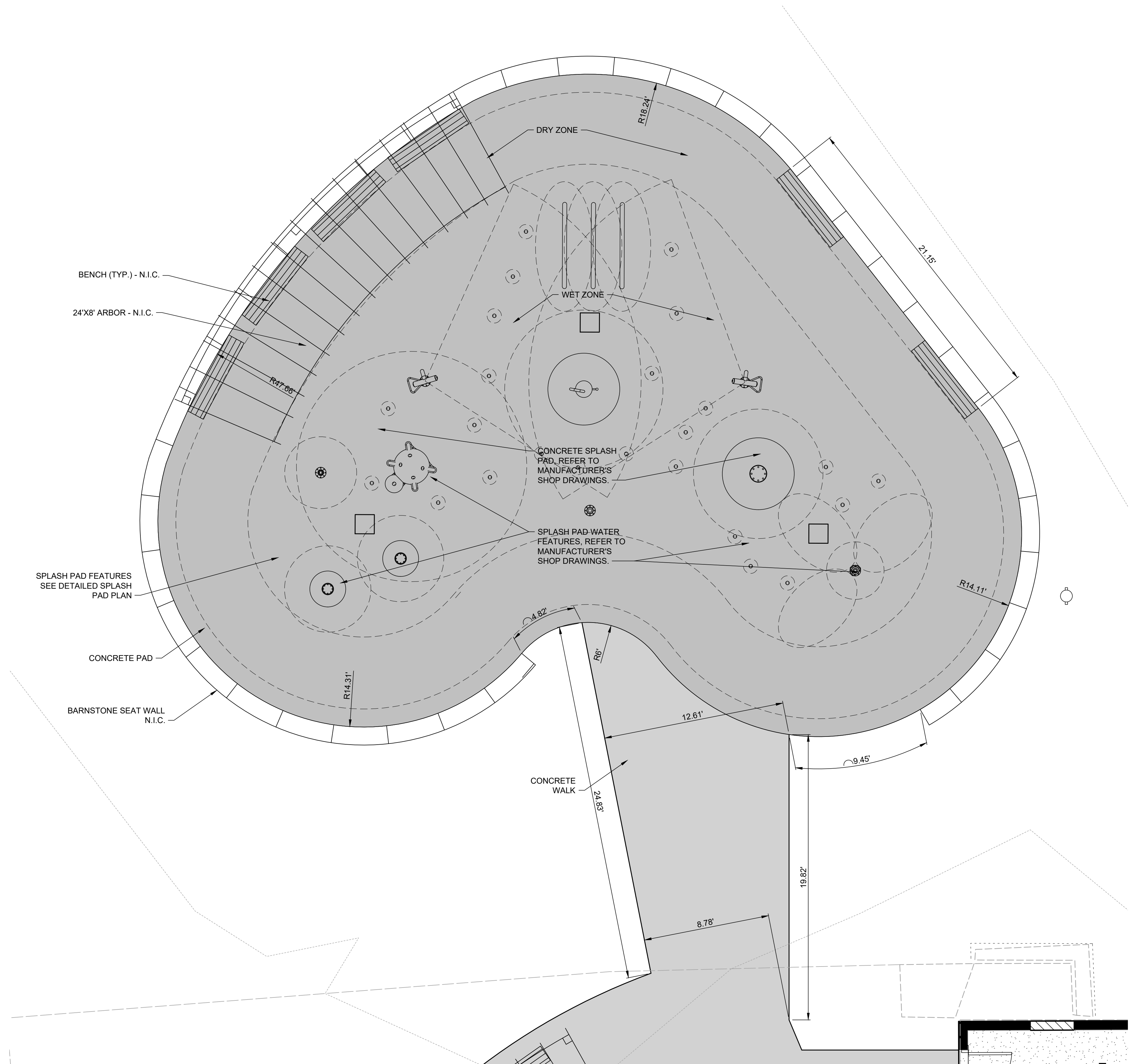
PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-5	
SHEET	OF
6	41

CODED NOTES & LEGEND

	01	HEAVY DUTY ASPHALT PAVEMENT - N.I.C.
	02	STANDARD DUTY ASPHALT PAVEMENT - N.I.C.
	03	PLAYGROUND SAFETY SURFACING - N.I.C.
	04	BRICK PAVERS
	05	CONCRETE SPLASH PAD
	06	CONCRETE WALK
	07	COLOR CONCRETE WALK
	08	CONCRETE CURB
	09	FLUSH CONCRETE CURB
	10	LINESTRIPING -N.I.C.
	11	PAVILION - N.I.C
	12	FRAMED CANOPY - N.I.C.
	13	TALL FLAG POLE - N.I.C.
	14	SHORT FLAGPOLE - N.I,C.
	16	BENCH - N.I.C
	17	BIKE RACK - N.I.C.
	18	HANDICAPPED PARKING SIGN - N.I.C.
	19	WHEEL STOP - N.I.C.
	20	ORNAMENTAL FENCE - N.I.C.

SPLASH PAD NOTES

1. THE CONTRACTOR SHALL OBTAIN THE MOST CURRENT APPROVED DRAWINGS FROM THE SPLASH PAD COMPANY FOR THE SUBMITTALS.



BAR SCALE

4' 2' 0' 4'

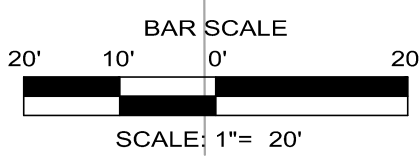
SCALE: 1" = 4'



JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

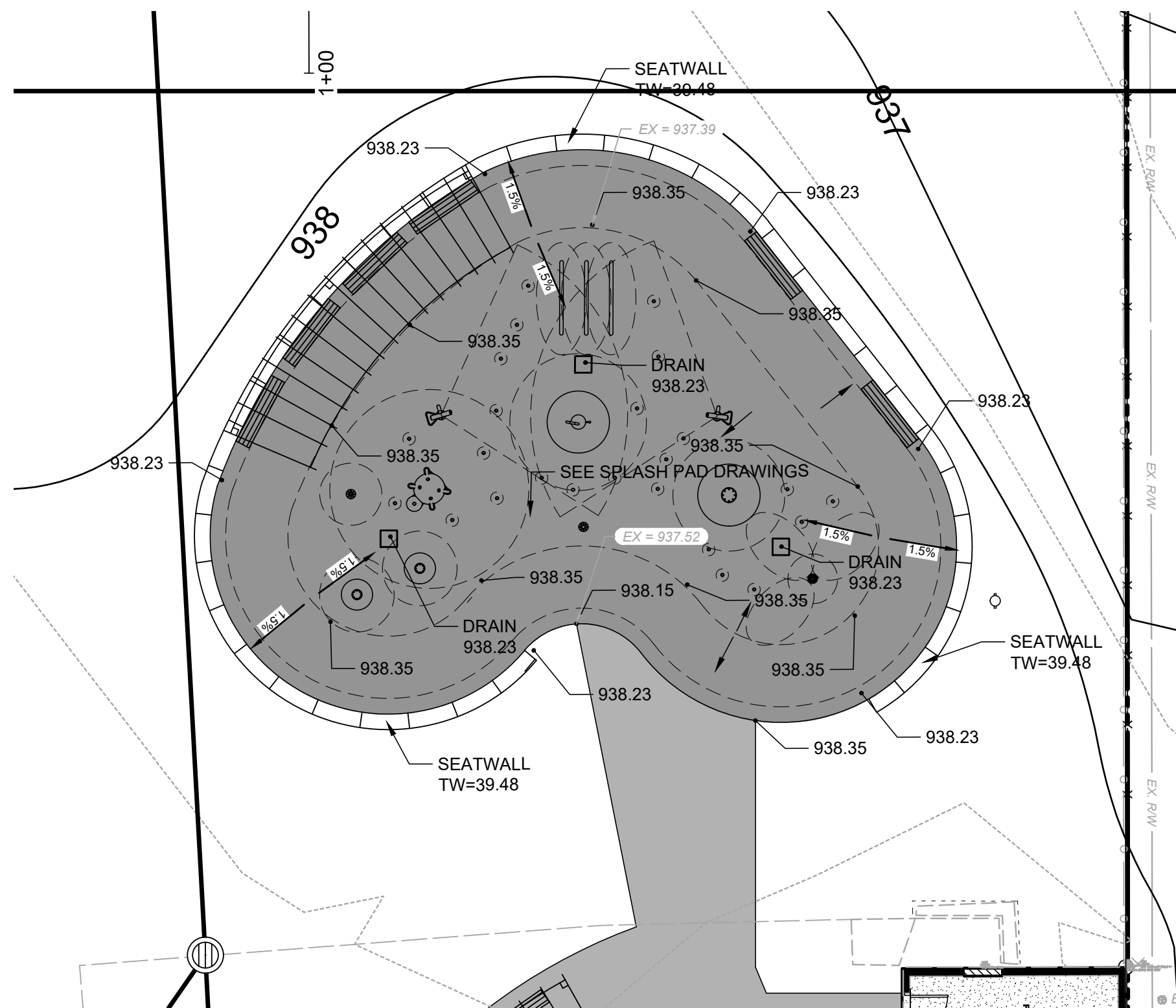
OVERALL GRADING PLAN

PROJECT NO.	
242425	
DISCIPLINE	
CIVIL	
SHEET NAME	
C-6	
SHEET	OF
7	41



- ## SHEET NOTES

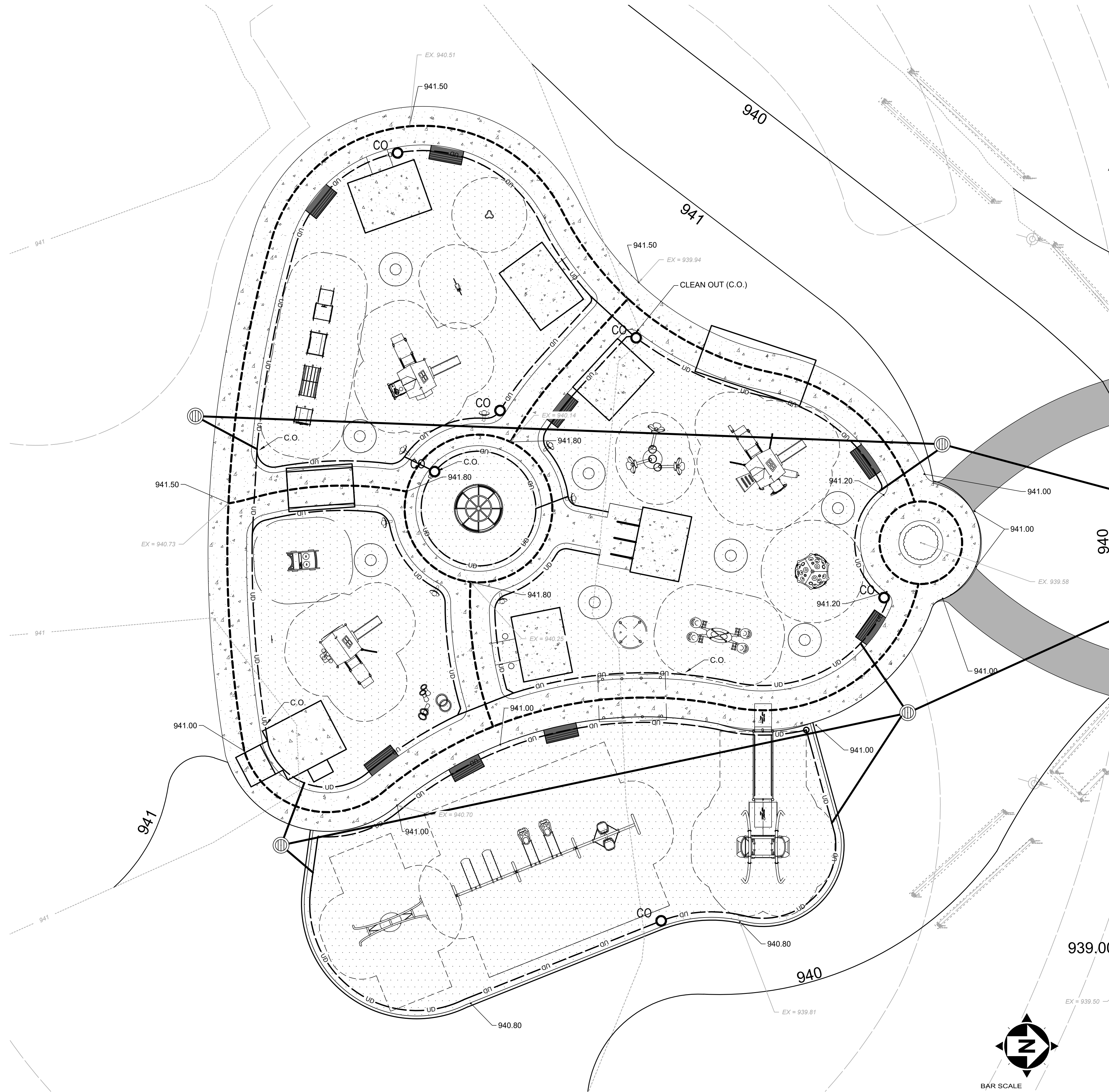
- ### SHEET LEGEND



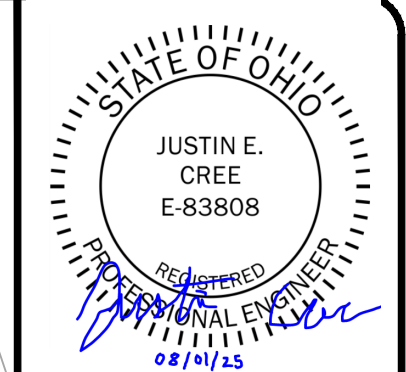
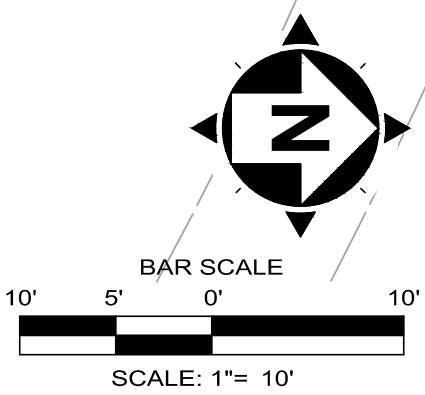
NOTE:
CONTRACTOR SHALL OBTAIN A FINAL ODH APPROVED
SPLASH PAD PERMIT SET FOR CONSTRUCTION

SPLASH PAD GRADING PLAN
SCALE: 1" = 10'

SHEET LEGEND	
	PROPOSED ELEVATION
	CONTOUR - MAJOR
	CONTOUR - MINOR
	CONTOUR - MAJOR
	CONTOUR - MINOR
	PROPOSED SLOPE
	TOP OF WALL
	TOP OF CURB
	BACK OF CURB



PLAYGROUND GRADING PLAN
SCALE: 1" = 10'



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JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -
PLAYGROUND AND SPLASH PAD GRADING PLAN

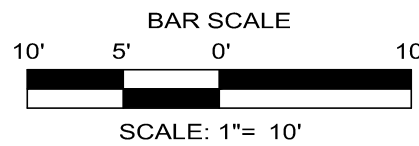
PROJECT NO. 242425	
DISCIPLINE CIVIL	
SHEET NAME C-7	
SHEET 8	OF 41

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ISSUE DATE:	10/06/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

STORMWATER POND GRADING
PLAN

PROJECT NO. 242425	
DISCIPLINE CIVIL	
SHEET NAME C-8	
SHEET 9	OF 41



STORMWATER NOTES

- THE CONTRACTOR SHALL MAINTAIN, AND KEEP CLEAR OF DEBRIS, THE FLOW IN EXISTING STORM SEWERS DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CLEAN ALL NEW STORM SEWERS AND VACUUM CLEAN ALL MANHOLES AND CATCH BASINS WITHIN THE PROJECT LIMITS BEFORE ACCEPTANCE.
- THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THAT THE PROPOSED STORMWATER POND AREA REMAINS UNDISTURBED TO AVOID SOIL OVERCOMPACTION.
- ROOF DRAINS, FOUNDATION DRAINS AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER SYSTEM ARE PROHIBITED.
- ALL STORM SEWER JOINTS SHALL BE WATERTIGHT.
- POST STORMWATER INSTALLATION THE POND SHALL BE MAINTAINED IN ACCORDANCE WITH THE APPROVED O&M GUIDELINES.

STORMWATER OPERATION & MAINTENANCE NOTES

LONG-TERM OPERATION AND MAINTENANCE SCHEDULE

OWNERSHIP, OPERATION, INSPECTION, AND MAINTENANCE OF THE NON-STRUCTURAL AND STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) CONTAINED IN THIS PLAN SHALL BE PERFORMED BY THE OWNER OR A CERTIFIED REPRESENTATIVE.

REFERENCE IS MADE TO THE OHIO RAINWATER AND LAND DEVELOPMENT MANUAL AND THE MUNICIPAL STORMWATER MANAGEMENT ORDINANCE. ALL PARTIES RESPONSIBLE FOR OWNERSHIP, OPERATION, AND MAINTENANCE SHALL OBTAIN COPIES OF THESE REFERENCES AND REVIEW THEM IN DETAIL FOR ADDITIONAL INFORMATION AND REQUIREMENTS. ITEMS LISTED IN THIS PLAN SHALL BE CONSIDERED THE MINIMUM OPERATIONS AND MAINTENANCE PROCEDURES AND HAVE BEEN PROVIDED TO ASSIST THE RESPONSIBLE PARTY'S CREATION OF A COMPREHENSIVE LIST OF ALL OPERATION AND MAINTENANCE ITEMS THAT MUST BE PERFORMED TO MEET THEIR OBLIGATION OF ENSURING THAT ALL NON-STRUCTURAL BMP'S, STRUCTURAL BMP'S, STORMWATER CONVEYANCE FACILITIES, AND STORMWATER MANAGEMENT AREAS ARE OPERATED AND MAINTAINED IN A SAFE AND GOOD WORKING ORDER.

STORM SEWER COLLECTION / CONVEYANCE SYSTEM

AT A MINIMUM, INSPECTIONS SHOULD BE PERFORMED IN THE SPRING AND FALL OF EACH YEAR AND AFTER EVERY HEAVY STORM EVENT (EVENTS GREATER THAN 1" RAINFALL/ 24 HOURS).

ALL MATERIALS (DEBRIS, SILT, LITTER, ETC.) COLLECTED AND REMOVED AS A PART OF THESE INSPECTIONS SHALL BE DISPOSED OF OFF-SITE IN A PROPER MANNER.

INSPECT THE CONDITION OF STORM INLETS, GRATES, PIPING, ETC. TO ENSURE THEY ARE IN GOOD WORKING ORDER AND PERFORMING THEIR INTENDED PURPOSE. REPAIR DEFICIENT ITEMS AS REQUIRED.

AREAS DRAINING TO STORM SEWER SHALL BE KEPT FREE OF ALL TRASH AND OTHER DEBRIS THAT POSE THE POTENTIAL FOR CLOGGING OF THE SYSTEM.

REMOVE ACCUMULATED MATERIALS DEPOSITED IN STORM INLET SUMPS.

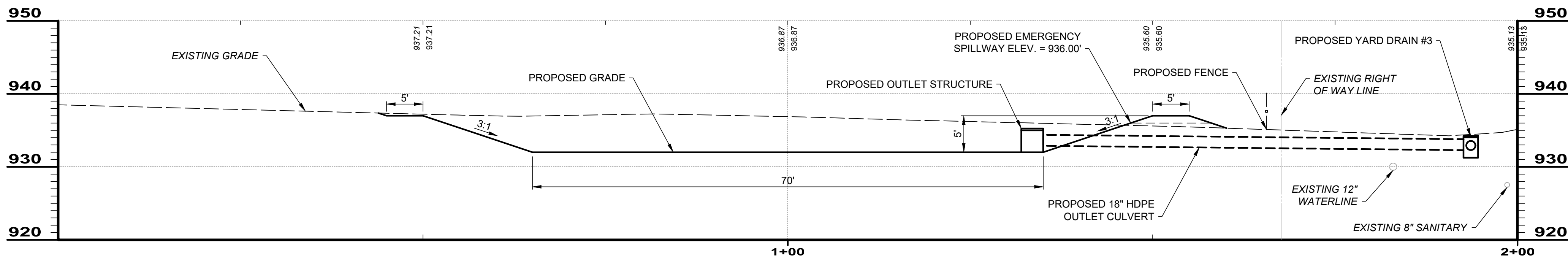
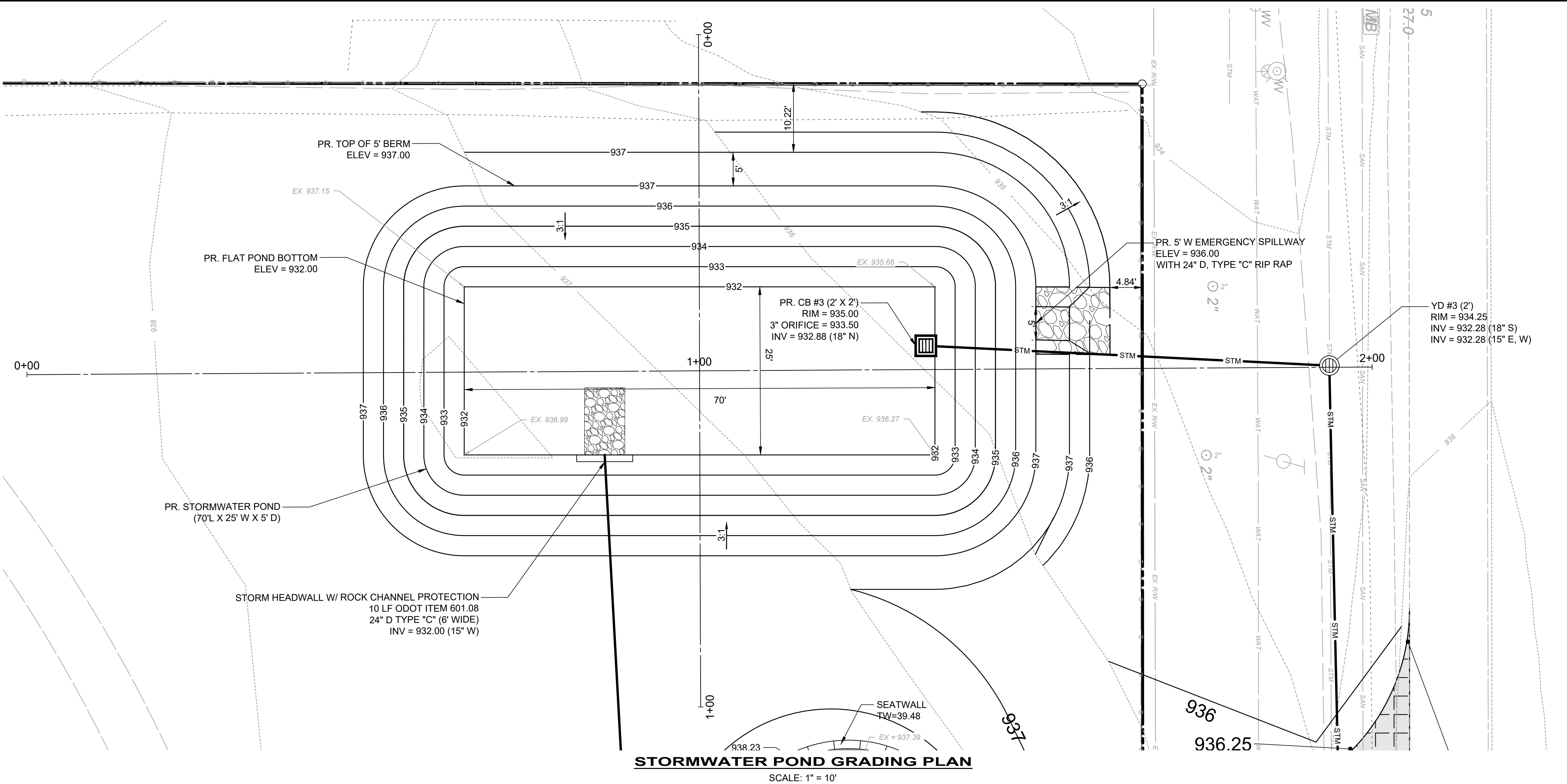
INSPECT THE CONDITION OF ALL SWALES TO ENSURE THEY ARE IN GOOD WORKING ORDER AND PERFORMING THEIR INTENDED PURPOSE.

ALL SWALES SHALL BE KEPT FREE OF OBSTRUCTIONS SUCH AS FILL GROUND, FALLEN LEAVES AND WOODY DEBRIS. ACCUMULATED SEDIMENT, AND OTHER MATERIALS/WASTES. CHANNELS SHOULD BE KEPT MOWED AND/OR FREE OF ALL WEEDY, BRUSHY OR WOODY GROWTH.

RIPRAP APRON, ENERGY DISSIPATORS, AND DOWNSPOUT DISCHARGES SHALL BE KEPT FREE OF ALL TRASH AND OTHER DEBRIS. WASHED OUT OR DISPLACED ROCK RIPRAP SHALL BE REPLACED AND GROUTED IN PLACE AS NEEDED.

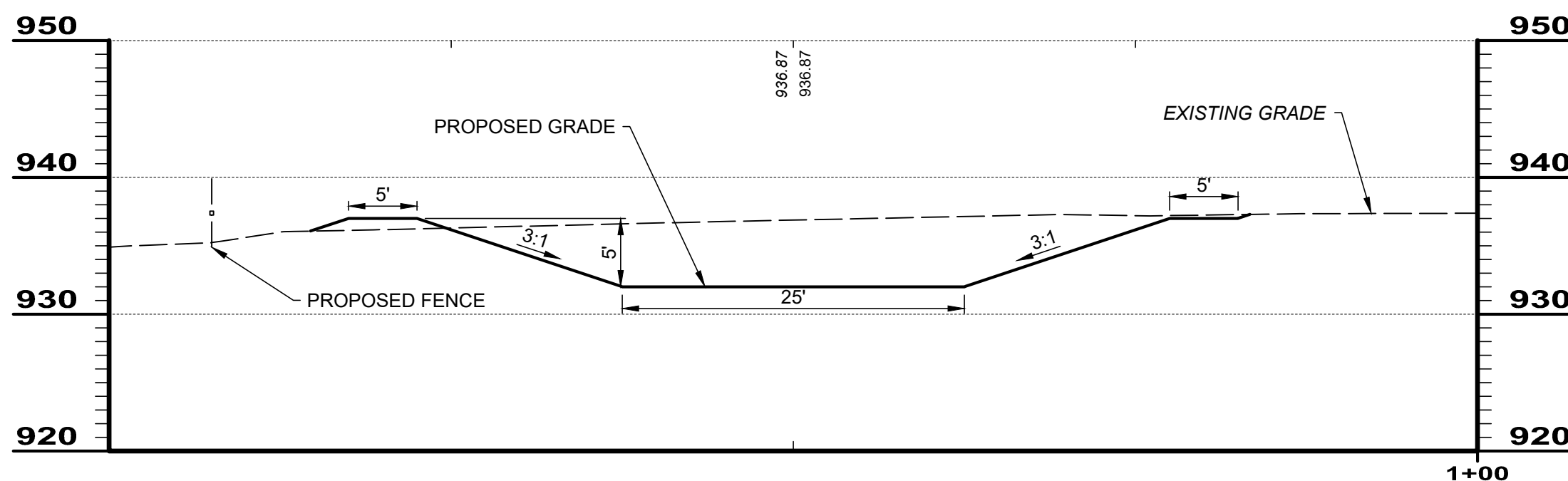
REFER TO DETAIL SHEETS FOR NOTES AND MAINTENANCE INFORMATION ON ADDITIONAL BMP'S.

A LOG SHOWING DATES THAT E&S BMP'S WERE INSPECTED AS WELL ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO REGULATORY AGENCY OFFICIALS AT THE TIME OF INSPECTION.



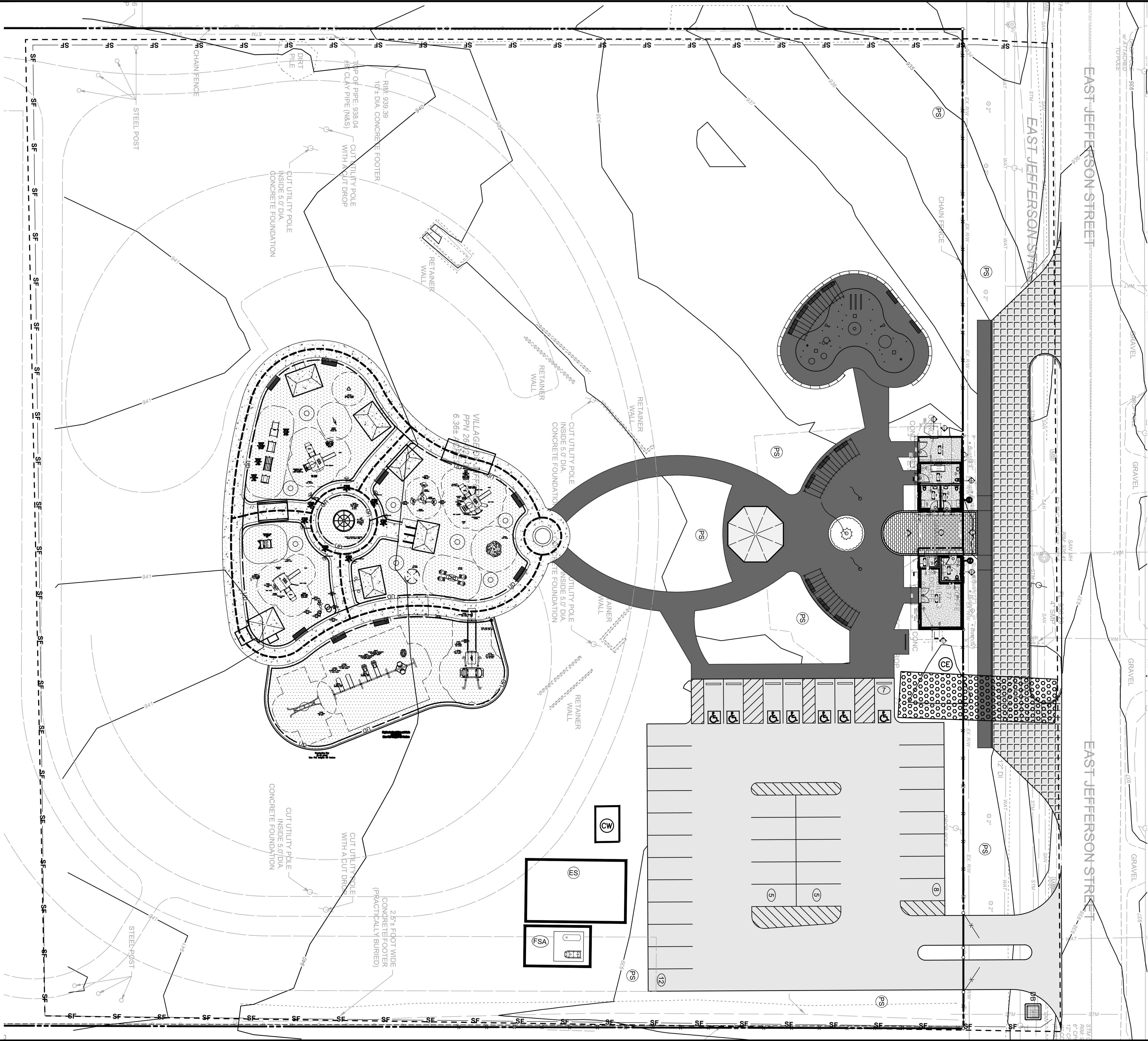
POND S-N SECTION

SCALE HORIZ: 1" = 10'
VERT: 1" = 10'



POND W-E SECTION

SCALE HORIZ: 1" = 10'
VERT: 1" = 10'



BAR SCALE
20' 10' 0' 20'
SCALE: 1"= 20'

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Call Before You Dig
1-800-362-2764
CALL TWO WORKING DAYS BEFORE YOU DIG
(NON MEMBERS MUST BE CALLED DIRECTLY)

SHEET LEGEND

--- CONSTRUCTION WORK LIMIT

CE CONSTRUCTION ENTRANCE

CW CONC. WASHOUT

ES EQUIP. STAGING

FSA FUEL STORAGE & VEHICLE FUELING AREA

SF SILT FENCE

PS PERM. SEEDING

DB IP STORM INLET PROTECTION; DANDY BAG

STATE OF OHIO
RICHARD
WASHINGTON
9400794
REGISTERED
LANDSCAPE ARCHITECT

Richard Washington, License #754
Expiration Date 12/31/2026

ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	9/12/25			
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JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

STORMWATER POLLUTION
PREVENTION PLAN

PROJECT NO.	DISCIPLINE	SHEET NAME
242425	CIVIL	SWP-1
SHEET	OF	
10	41	

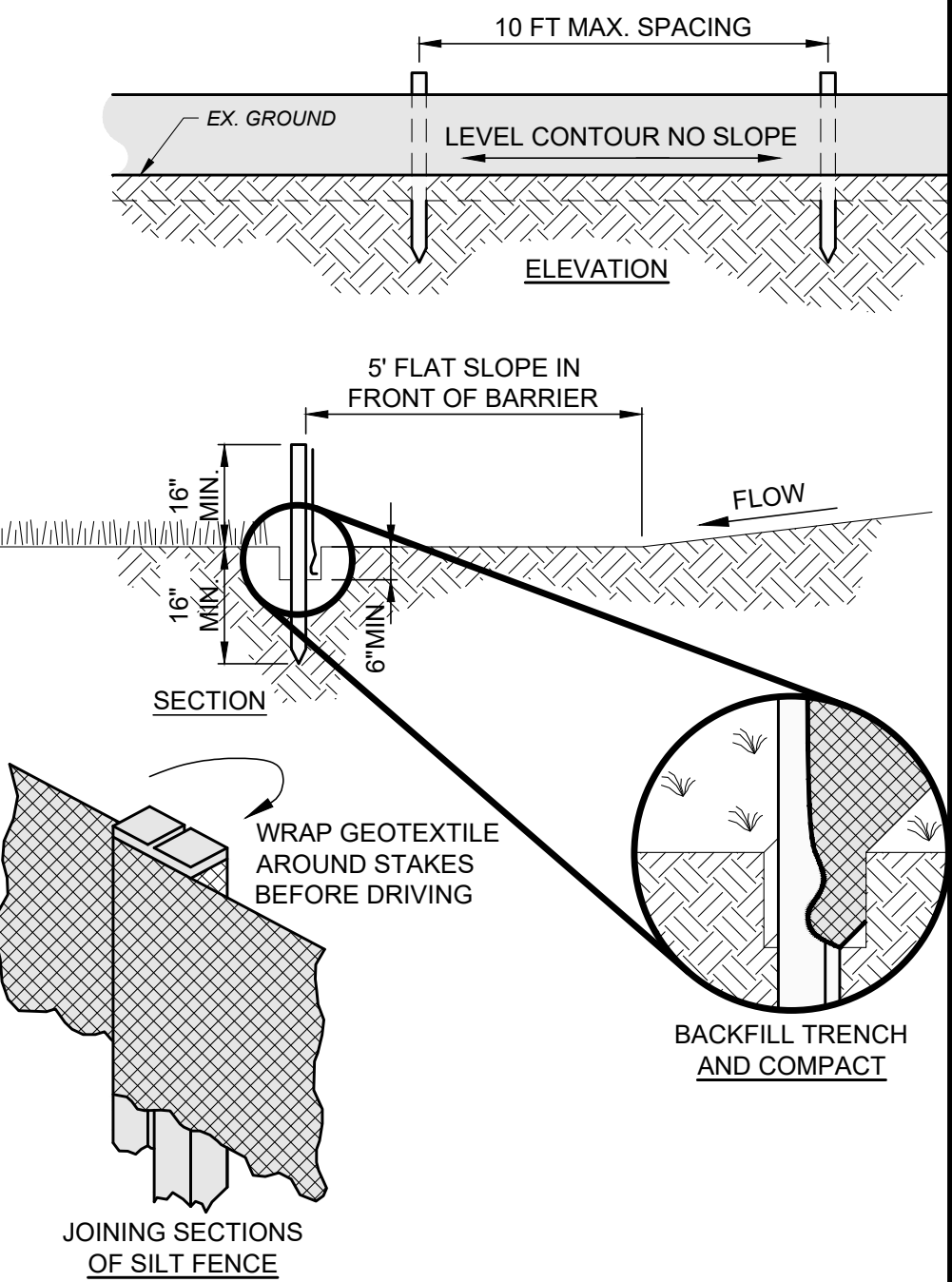
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NOTES:

- SUBSOILING SHALL OCCUR WHEN SOIL MOISTURE IS LOW ENOUGH TO ALLOW THE SOIL TO CRACK OR FRACTURE. SUBSOILING IS NOT PERMITTED ON SLIP-PRONE AREAS.
- THE AREA SHALL BE GRADED AND TOPSOIL SPREAD WHERE NEEDED.
- THE SEEDBED SHALL BE PREPARED BY APPLYING AGRICULTURAL GROUND LIMESTONE OR FERTILIZER AS RECOMMENDED BY A SOIL TEST. IN LIEU OF A SOIL TEST, APPLY LIME AT 2 TONS/AC. OR FERTILIZER AT 500 LB/AC. OF 10-10-10 OR 12-12-12 ANALYSIS. LIME AND FERTILIZER SHALL BE WORKED INTO THE SOIL TO A DEPTH OF 3".
- APPLY SEED UNIFORMLY ON FIRM, MOIST SEED BED.
- SEEDING SHOULD BE APPLIED FROM MARCH 1 TO MAY 31 OR AUGUST 1 TO SEPTEMBER 30. IF SEEDING OCCURS OUTSIDE OF THESE DATES, ADDITIONAL MULCH AND IRRIGATION MAY BE REQUIRED TO ENSURE A MINIMUM OF 80% GERMINATION. TILLAGE FOR SEEDBED PREPARATION SHALL OCCUR WHEN THE SOIL IS DRY ENOUGH TO CRUMBLE AND NOT FORM RIBBONS WHEN COMPRESSED BY HAND.
- SEEDING SHOULD NOT BE APPLIED FROM OCTOBER 1 TO NOVEMBER 20 BECAUSE SEEDS MAY GERMINATE, BUT WILL NOT SURVIVE THE WINTER. USE THE FOLLOWING METHODS FOR DORMANT SEEDING:
 - FROM OCTOBER 1 TO NOVEMBER 20, INCREASE THE SEEDING RATE BY 50%, PREPARE THE SEED BED, ADD LIME AND FERTILIZER, MULCH AND ANCHOR.
 - FROM NOVEMBER 20 TO MARCH 15, ONLY IF SOIL CONDITIONS PERMIT, INCREASE THE SEEDING RATE BY 50%. PREPARE THE SEED BED, ADD LIME AND FERTILIZER, APPLY THE SEED MIXTURE, MULCH AND ANCHOR.
- APPLY MULCH MATERIAL IMMEDIATELY AFTER SEEDING.
- PERMANENT SEEDING SHALL INCLUDE IRRIGATION TO ESTABLISH VEGETATION DURING DRY OR HOT WEATHER OR ON ADVERSE SITE CONDITIONS AS NEEDED. AVOID EXCESSIVE IRRIGATION AND MONITOR TO PREVENT EROSION AND DAMAGE FROM RUNOFF.
- PERMANENT SEEDING SHALL NOT BE CONSIDERED ESTABLISHED FOR AT LEAST 1 FULL YEAR FROM THE TIME OF PLANTING. DURING THIS PERIOD, INSPECT FOR SOIL EROSION OR PLANT LOSS AND REPAIR BARE OR SPARSE AREAS, FILL GULLIES, RE-FERTILIZE, RE-SEED OR RE-MULCH AS NEEDED.
- ADEQUATE PERMANENT VEGETATION SHALL BE GROUND COVER DENSE ENOUGH TO COVER 80% OF THE SOIL SURFACE BASED ON VISUAL INSPECTION, AND MATURE ENOUGH TO SURVIVE WINTER WEATHER CONDITIONS.
- REFER TO SPECIFICATIONS AND RESTORATION PLAN FOR PERMANENT SEED MIXES.

PERMANENT SEEDING DETAIL

SCALE: NONE



FABRIC PROPERTIES	VALUES	TEST METHOD
GRAB TENSILE STRENGTH	90 LB. MIN	ASTM D-1682
MULLEN BURST STRENGTH	190 PSI MIN	ASTM D-3786
SLURRY FLOW RATE	0.3 GAL./MIN./S.F. MAX.	
EQUIVALENT OPENING SIZE	40-80	US STD. SIEVE CW-02215
ULTRAVIOLET RADIATION STABILITY	90% MIN	ASTM-G-26

NOTES:

- PRESERVE VEGETATION FOR 5 FEET OR AS MUCH AS POSSIBLE UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE RE-ESTABLISHED WITHIN 7 DAYS FROM SILT FENCE INSTALLATION.
- THE MAXIMUM DRAINAGE AREA PER 100 FEET OF SILT FENCE IS DEPENDENT ON THE SLOPE, BUT NO MORE THAN 1/2 ACRE. SILT FENCE CANNOT BE USED FOR DRAINAGE AREAS WITH SLOPES GREATER THAN 50%.
- SILT FENCE MAY ONLY PASS RUNOFF AS DIFFUSE FLOW THROUGH THE GEOTEXTILE. IF RUNOFF OVERTOPS THE SILT FENCE, FLOWS UNDER OR AROUND THE ENDS, OR IN ANY OTHER WAY BECOMES A CONCENTRATED FLOW, THEN CHANGE THE LAYOUT OF THE SILT FENCE, REMOVE ACCUMULATED SEDIMENT OR INSTALL OTHER PRACTICES.
- SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS, VERIFICATION FABRIC IS SECURELY ATTACHED TO FENCE POSTS, AND VERIFICATION FENCE POSTS ARE FIRMLY IN THE GROUND. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCE WHEN IT HAS REACHED 1/3 THE FENCE HEIGHT.

SILT FENCE

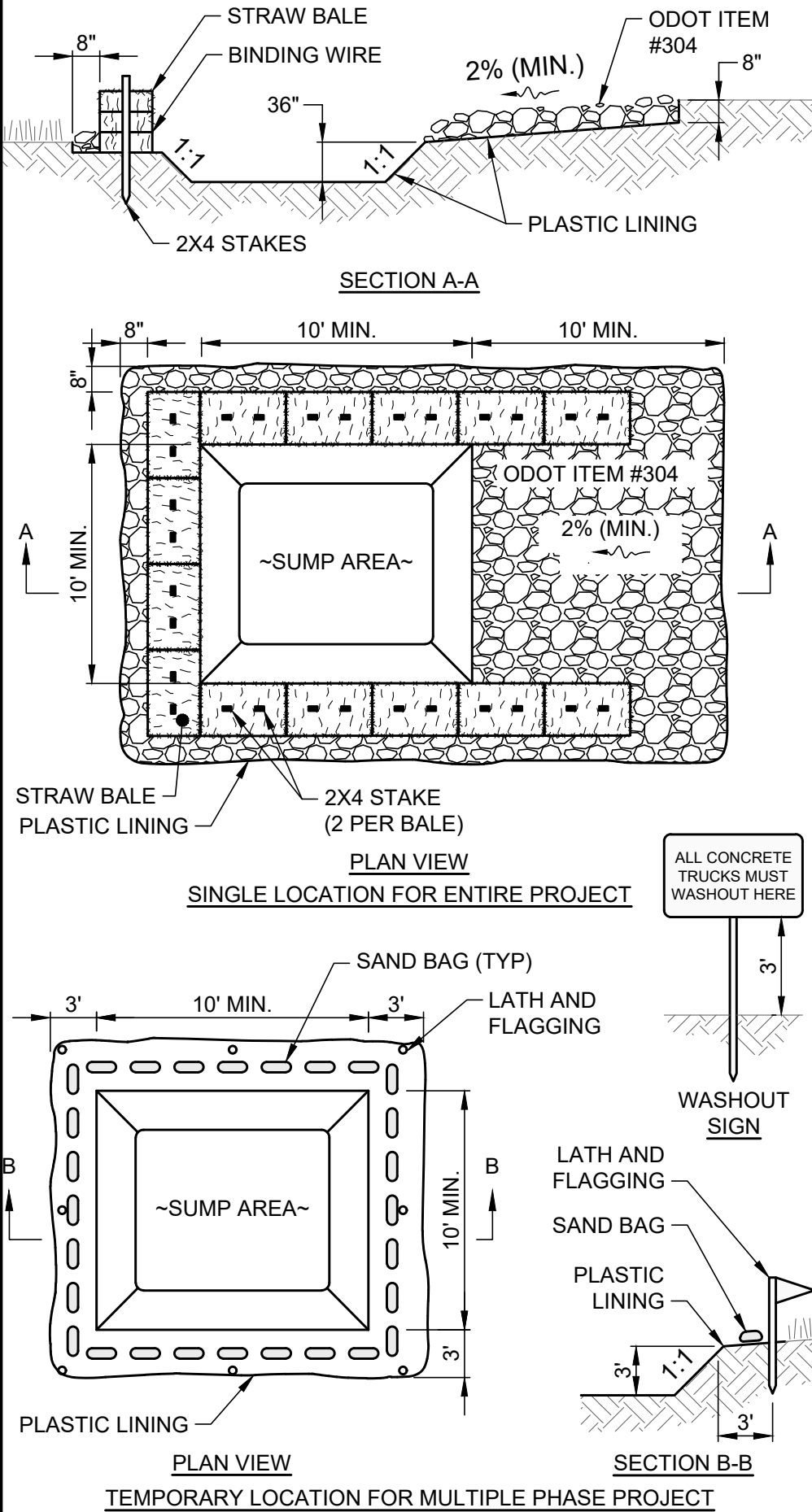
SCALE: NONE

NOTES:

- MULCH SHALL CONSIST OF ONE OF THE FOLLOWING:
 - UNROTTED SMALL GRAIN STRAW SPREAD UNIFORMLY AT 2 TONS/AC. (2 TO 3 BALES).
 - WOOD-CELLULOSE FIBER (I.E. HYDROSEEDING) APPLIED AT 1 TON/AC.
 - ROLLED EROSION CONTROL PRODUCT OR MULCH MATTING APPLIED PER MANUFACTURER RECOMMENDATION.
 - WOOD MULCH OR CHIPS APPLIED AT 6 TONS/AC.
- MULCH SHALL BE ANCHORED IMMEDIATELY BY ONE OF THE FOLLOWING METHODS:
 - PUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL USING A DISK, CRIMPER OR SIMILAR TOOL. DO NOT FINELY CHOP STRAW TO BE MECHANICALLY ANCHORED, BUT LEAVE LONGER THAN 6".
 - USE NETTING PER MANUFACTURER RECOMMENDATION IN AREAS OF CONCENTRATED RUNOFF OR ON CRITICAL SLOPES.
 - SYNTHETIC BINDERS AT MANUFACTURER RATE.
 - WOOD-CELLULOSE FIBER BINDER AT A NET DRY WEIGHT OF 750 LB/AC, MIXED WITH WATER, AND CONTAIN 50 LB/100 GAL. MAX. OF WOOD CELLULOSE FIBER.

MULCHING DETAIL

SCALE: NONE

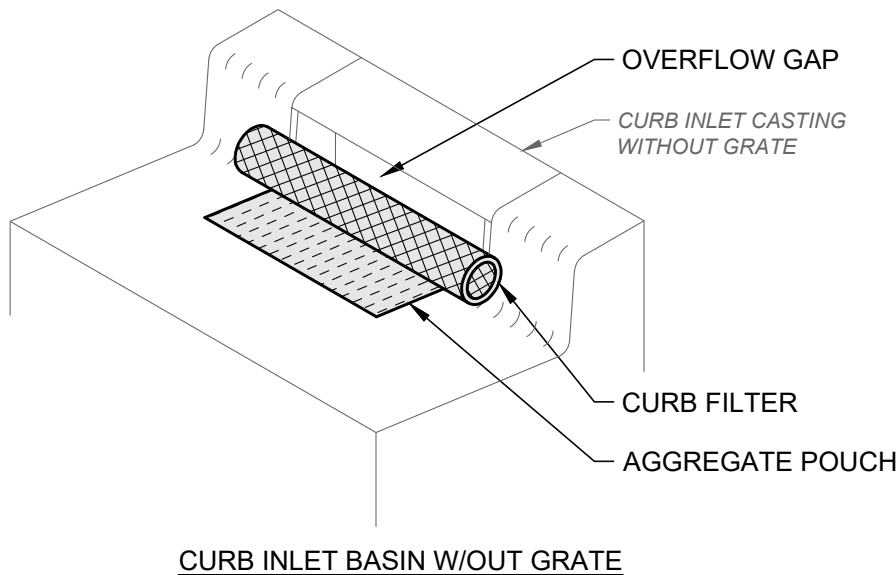


NOTES:

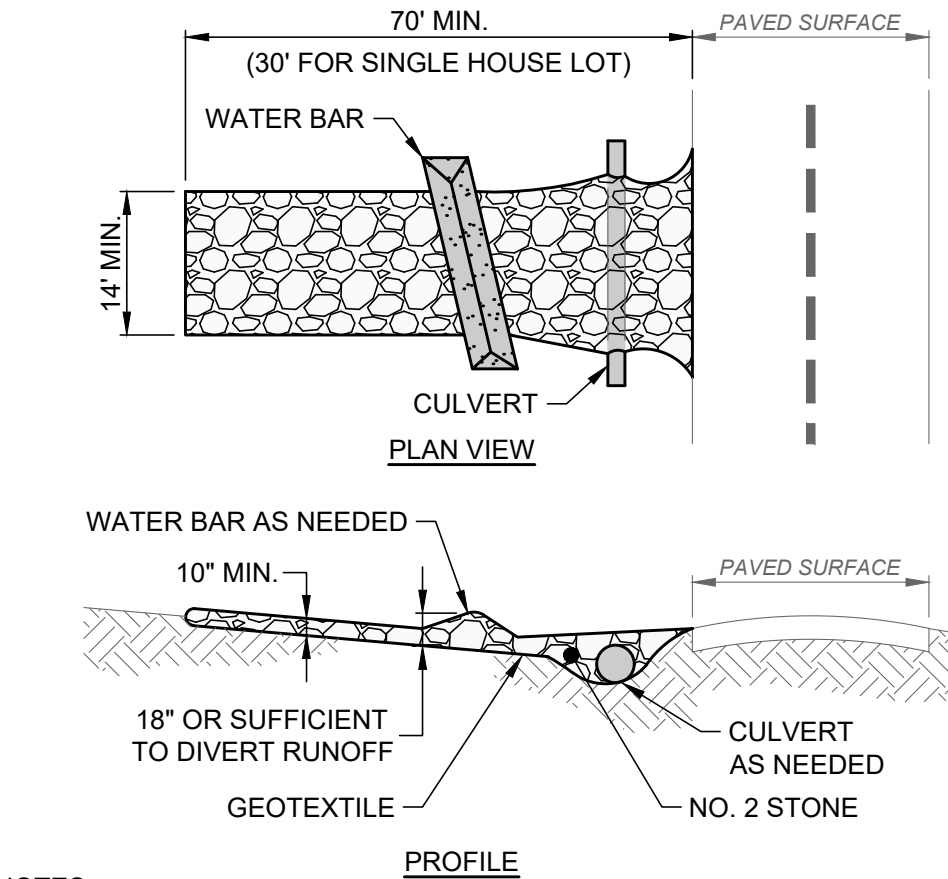
- CONCRETE WASHOUT AREA SHALL BE LOCATED A MINIMUM OF 100' FROM STORM SEWER INLETS, STREAMS, WETLANDS OR ANY OTHER SURFACE WATERS.
- IF CONCRETE WASHOUT AREA IS LOCATED AWAY FROM A PAVED SURFACE, CONSTRUCT A GRAVEL ACCESS ROUTE EQUAL IN COMPOSITION TO A CONSTRUCTION ENTRANCE.
- CONCRETE WASHOUT AREA SHALL BE SUFFICIENT SIZE TO CONTAIN CONCRETE WASTE GENERATED. LARGE SITES MAY REQUIRE MULTIPLE CONCRETE WASHOUT AREAS.
- PLASTIC LINING SHALL BE DOUBLE-LINED, CONTINUOUS 10-ML POLYETHYLENE SHEETING FREE OF HOLES, TEARS OR OTHER DEFECTS INSTALLED ON A SMOOTH, LEVEL SURFACE, FREE OF LARGE ROCKS AND DEBRIS.
- CONCRETE WASHOUT SIGNAGE SHALL BE CLEARLY VISIBLE AND LOCATED WITHIN 30 FEET OF EACH WASHOUT AREA.
- CONCRETE WASHOUT AREA SHALL BE COVERED DURING INCLEMENT WEATHER TO PREVENT OVERFLOWS.
- PREFABRICATED, PORTABLE AND RE-USABLE CONCRETE WASHOUT CONTAINERS ARE ACCEPTABLE IF SPECIFICALLY DESIGNED FOR CONCRETE WASHOUT USE.
- CONCRETE WASHOUT AREA SHALL BE INSPECTED DAILY TO CHECK FOR DAMAGE AND DETERMINE IF IT NEEDS CLEANED OR REPLACED. ANY DAMAGE TO THE SIDEWALLS OR PLASTIC LINING SHALL BE REPAIRED IMMEDIATELY. REPLACE THE ENTIRE CONCRETE WASHOUT AREA WHEN IT IS 75% FULL.

CONCRETE WASHOUT AREA DETAIL

SCALE: NONE



CURB INLET BASIN W/OUT GRATE



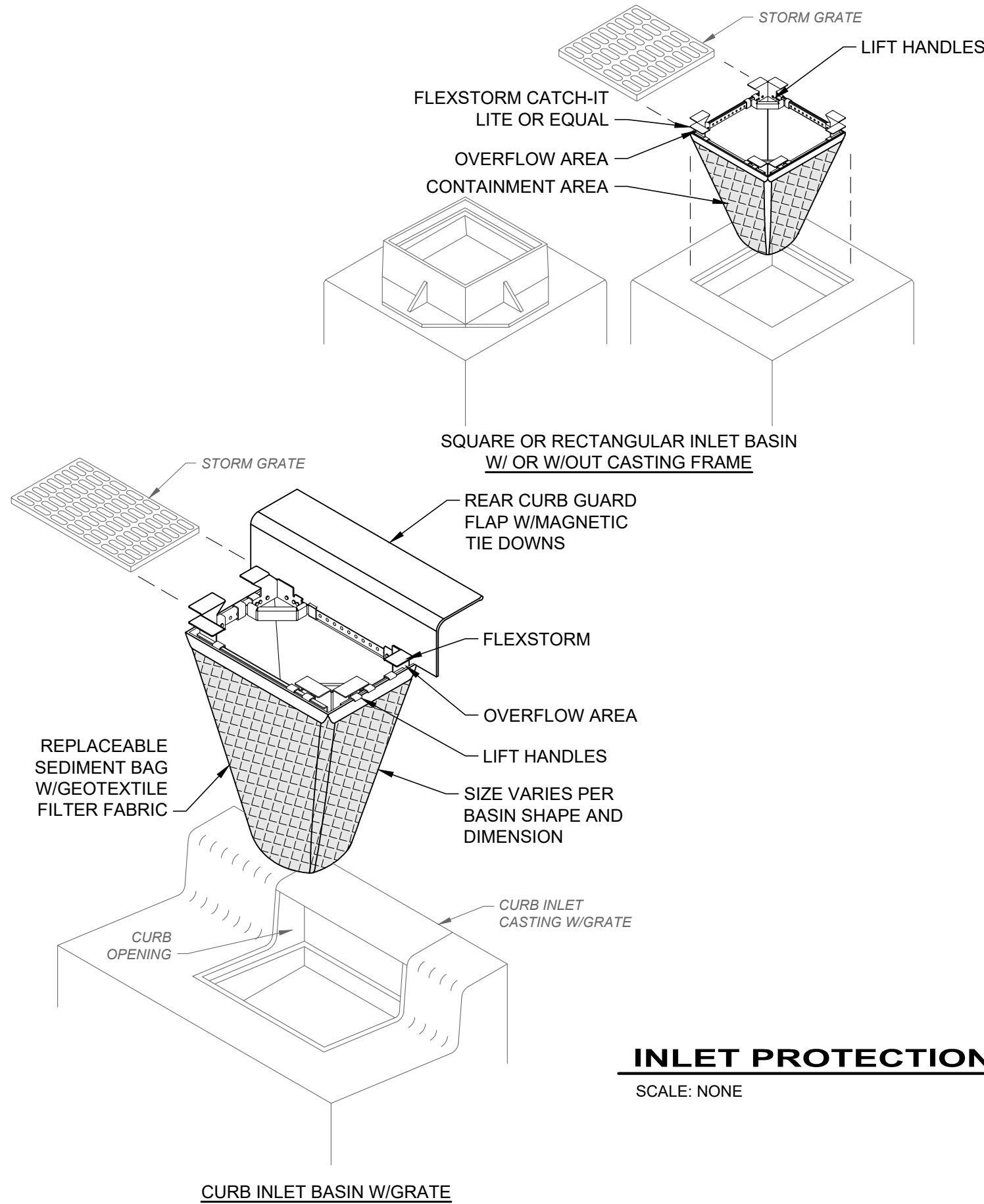
NOTES:

- GEOTEXTILE SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS MEETING THE FOLLOWING:

TENSILE STRENGTH	200 LB
PUNCTURE STRENGTH	80 PSI
TEAR STRENGTH	50 LB
BURST STRENGTH	320 PSI
ELONGATION	20%
EQUIVALENT OPENING SIZE	< 0.6 MM
PERMITTIVITY	0.001 CM/SEC.
- INSTALL WATER BAR, AS NEEDED, TO PREVENT SURFACE RUNOFF FROM FLOWING OUT ONTO PAVEMENT.
- APPLY ADDITIONAL STONE AS CONDITIONS DEMAND, REPLENISH STONE WHEN THE DEPTH IS LESS THAN 6", AND REPLACE IF STONES BECOMES MUD-LADEN.
- IMMEDIATELY REMOVE MUD DROPPED, WASHED OR TRACKED ONTO ROADS OR ANY SURFACE WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS BY SCRAPING OR SWEEPING.
- CONSTRUCTION ENTRANCE SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES OR PREVENT OFF-SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
- CONSTRUCTION ENTRANCE SHALL REMAIN UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED WITH A PERMANENT ROADWAY.

CONSTRUCTION ENTRANCE

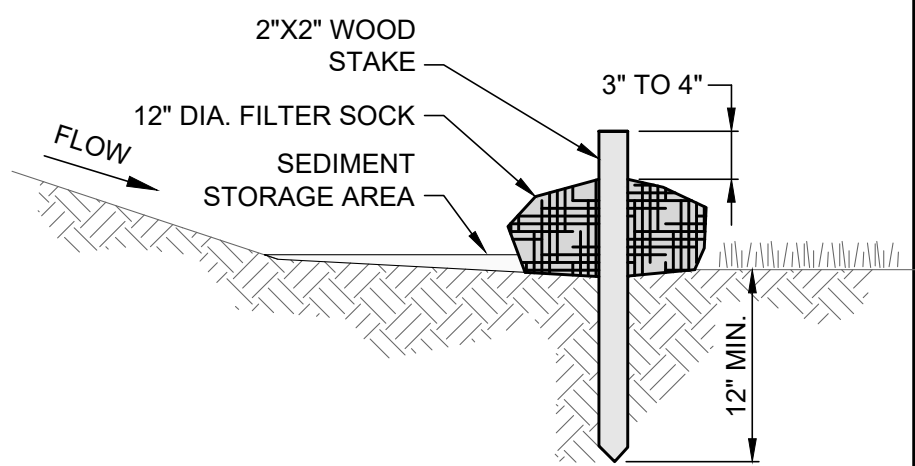
SCALE: NONE



CURB INLET BASIN W/GRATE

INLET PROTECTION DETAIL

SCALE: NONE

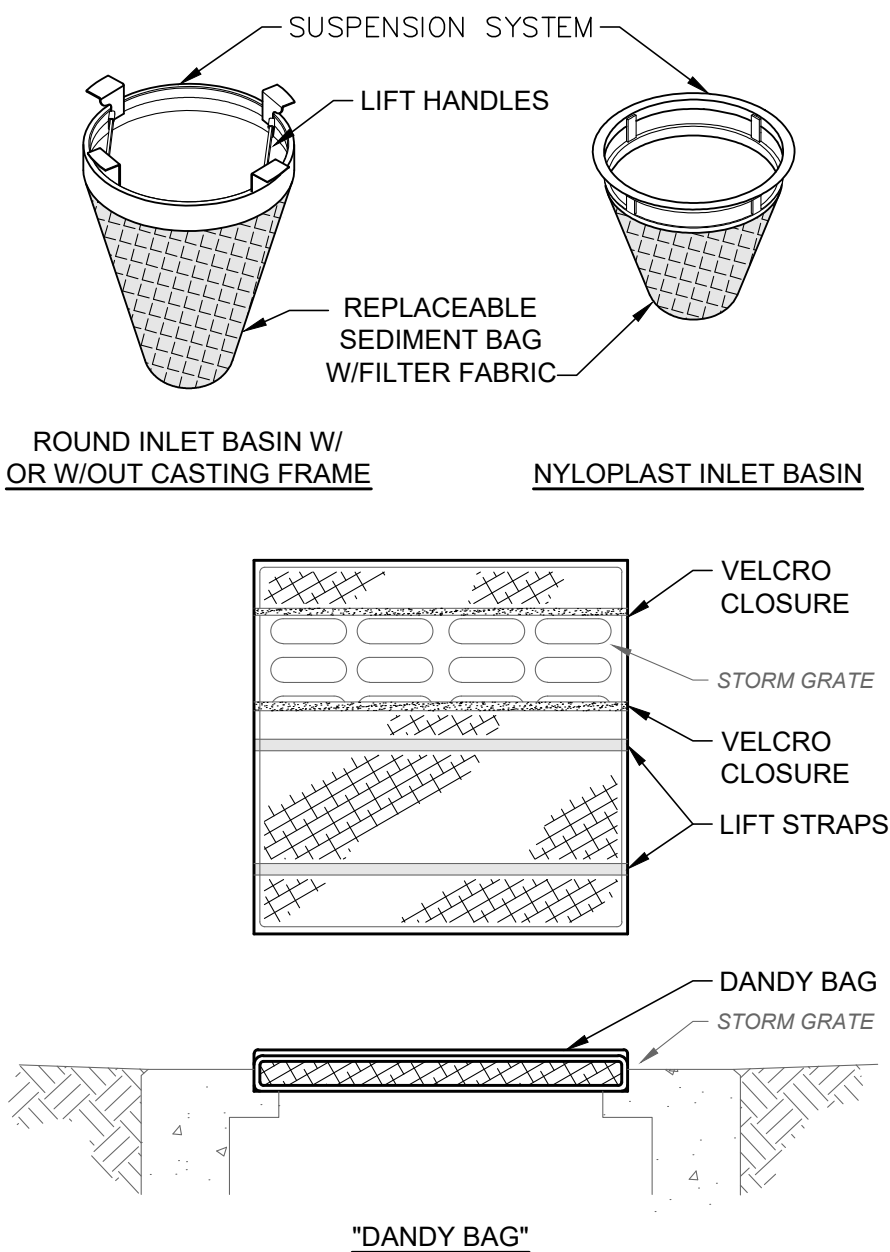


NOTES:

- FILTER SOCKS SHALL BE 3 OR 5 MIL CONTINUOUS, TUBULAR, HDPE 3/8" KNITTED MESH NETTING MATERIAL, FILLED WITH COMPOST.
- COMPOST SHALL BE WEED, PATHOGEN AND INSECT FREE, FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH, BE DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER, AND CONSIST OF PARTICLES RANGING FROM 3/8" TO 2".
- FILTER SOCKS SHALL BE PLACED ON A LEVEL LINE ACROSS SLOPES PARALLEL TO THE BASE OF THE SLOPE. ON SLOPES APPROACHING 2:1, ADDITIONAL SOCKS SHALL BE PROVIDED AT THE TOP AND MID-SLOPE.
- FILTER SOCKS SHALL BE PLACED AT LEAST 5' FROM THE TOE OF SLOPE FOR SEDIMENT DEPOSIT.
- BUILT UP SEDIMENT SHALL BE REMOVED WHEN IT HAS REACHED 1/3 THE FILTER SOCK HEIGHT.
- WHEN A FILTER SOCK IS NO LONGER REQUIRED, IT SHALL BE DISPERSED ON-SITE.
- THE MAXIMUM DRAINAGE AREA PER 100 FEET OF FILTER SOCK IS 1/2 ACRE AND IS DEPENDENT ON THE SLOPE FOLLOWING THE GUIDANCE CHART BELOW:

FILTER SOCK DETAIL (ALT. TO SILT FENCE)

SCALE: NONE



NOTES:

- ALL NEW AND EXISTING STORM INLET BASINS WITHIN THE WORK LIMITS SHALL HAVE INLET PROTECTION INSTALLED UNLESS THE SEWER IS INACTIVE DUE TO PRIOR WORK.
- INLET PROTECTION SHALL BE INSTALLED AS EACH STORM INLET IS CONSTRUCTED.
- FRAMING SHALL BE CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED).
- NOT ALL ITEMS SHOWN MAY APPLY, OR DIFFERENT TYPES OR CONFIGURATIONS MAY BE REQUIRED. THE CONTRACTOR SHALL MEASURE EACH INLET TO CONFIGURE AND ASSEMBLE CUSTOMIZED INLET FILTERS.



verdantas

ISSUED FOR:	BID	NO	REVISION	DATE
ISSUE DATE:	9/12/25			
SCALE:	AS SHOWN			
DESIGNED BY:	RW			
DRAWN BY:	CZ			
CHECKED BY:	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

STORMWATER POLLUTION
PREVENTION PLAN DETAILS

PROJECT NO.	242425
DISCIPLINE	CIVIL
SHEET NAME	SWP-3
SHEET	OF
12	41

DELEGATION OF AUTHORITY FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

I, _____, HEREBY DESIGNATE THE PERSON OR DESCRIBED POSITION BELOW TO BE A DULY AUTHORIZED REPRESENTATIVE FOR THE PURPOSE OF OVERSEEING COMPLIANCE WITH ENVIRONMENTAL REQUIREMENTS, INCLUDING THE OHIO EPA NPDES CONSTRUCTION GENERAL PERMIT, AT THE DESIGNATED PROJECT. THE DESIGNEE IS AUTHORIZED TO SIGN REPORTS, STORM WATER POLLUTION PREVENTION PLANS (SWP3) AND OTHER DOCUMENTS AS REQUIRED BY THE NPDES PERMIT.

NAME OF QUALIFIED PERSON AND/OR POSITION

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

BY SIGNING THIS AUTHORIZATION, I CERTIFY UNDER THE PENALTY OF LAW THAT ALL REQUIRED DOCUMENTS WILL BE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON(S) WHO MANAGES THE SYSTEM OR IS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION TO BE SUBMITTED WILL BE, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE _____ DATE _____

SUBCONTRACTOR AGREEMENT FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

BY SIGNING THIS AGREEMENT, I CERTIFY UNDER THE PENALTY OF LAW THAT I HAVE READ AND UNDERSTAND THE TERMS AND CONDITIONS OF THE STORM WATER POLLUTION PREVENTION PLAN (SWP3) FOR THE DESIGNATED PROJECT AND AGREE TO FOLLOW THE PRACTICES DESCRIBED. AS A SUBCONTRACTOR, I AM REQUIRED TO COMPLY WITH THE SWP3 FOR ANY WORK I PERFORM AT THE PROJECT. IT IS MY RESPONSIBILITY TO OBTAIN A COPY OF THE SWP3 FROM THE CONTRACTOR AND TO ADVISE MY EMPLOYEES WORKING ON THIS PROJECT OF THE REQUIREMENTS. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES OR LOSS OF CONTRACT FOR VIOLATING ANY CONDITION OF THE SWP3, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE _____ DATE _____

DESCRIPTION OF CONSTRUCTION SERVICE(S) I AM TO PROVIDE:

FINAL CERTIFICATION AND NOTIFICATION FOR EROSION AND SEDIMENT CONTROL

PROJECT NAME: _____

PROJECT ADDRESS: _____

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED FOR THE DESIGNATED PROJECT. BASED ON MY INQUIRY OF THE PERSON(S) WHO MANAGED THE SYSTEM OR DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THERE ARE SUBSTANTIAL PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

COMPANY NAME _____ PHONE NO. _____

STREET ADDRESS

PRINT NAME AND TITLE

SIGNATURE _____ DATE _____

GRADING AND STABILIZATION ACTIVITY LOG

PROJECT NAME: _____ SHEET NO.: _____

PROJECT ADDRESS: _____

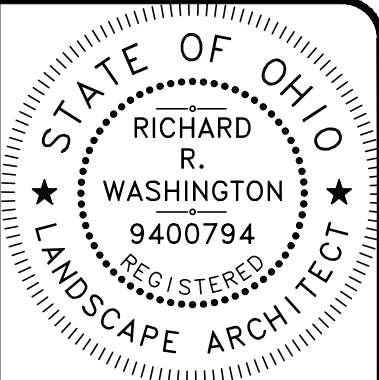
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			DATE	TYPE	
				☐ TEMP. ☐ PERM.	
				☐ TEMP. ☐ PERM.	
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				☐ TEMP. ☐ PERM.	

EROSION AND SEDIMENT CONTROL AMENDMENT LOG

PROJECT NAME: _____ SHEET NO.: _____

PROJECT ADDRESS: _____

AMENDMENT NO.	DATE OF AMENDMENT	DESCRIPTION OF AMENDMENT	DESCRIPTION OF STABILIZATION MEASURE AND LOCATION (ATTACH SKETCH IF NECESSARY)



Richard Washington, License #754
Expiration Date 12/31/2026



ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:	NO	REVISION	DATE
	9/12/25	AS SHOWN	RW	CZ	RW			

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

STORMWATER POLLUTION
PREVENTION PLAN LOGS

PROJECT NO.

242425

DISCIPLINE

CIVIL

SHEET NAME

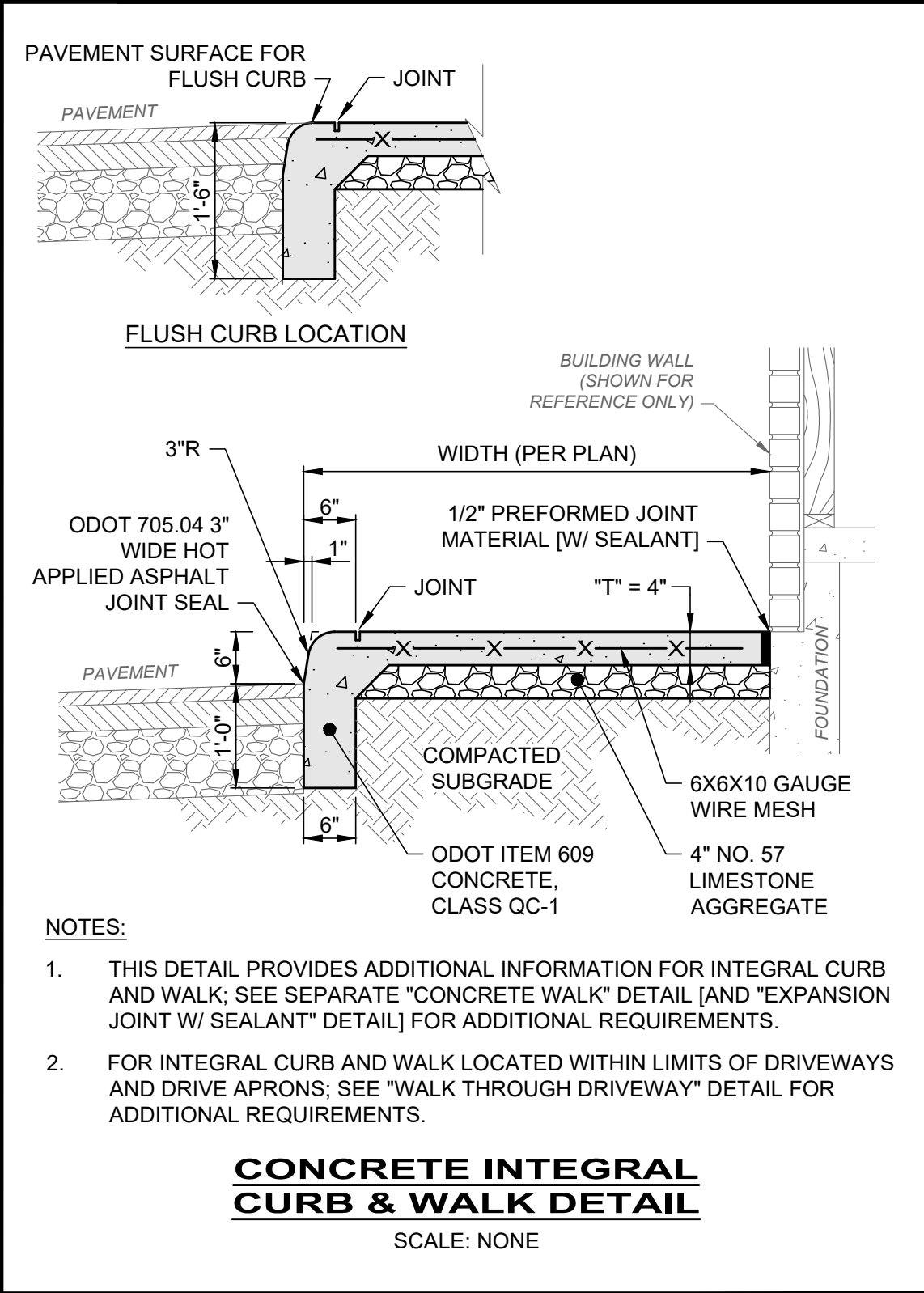
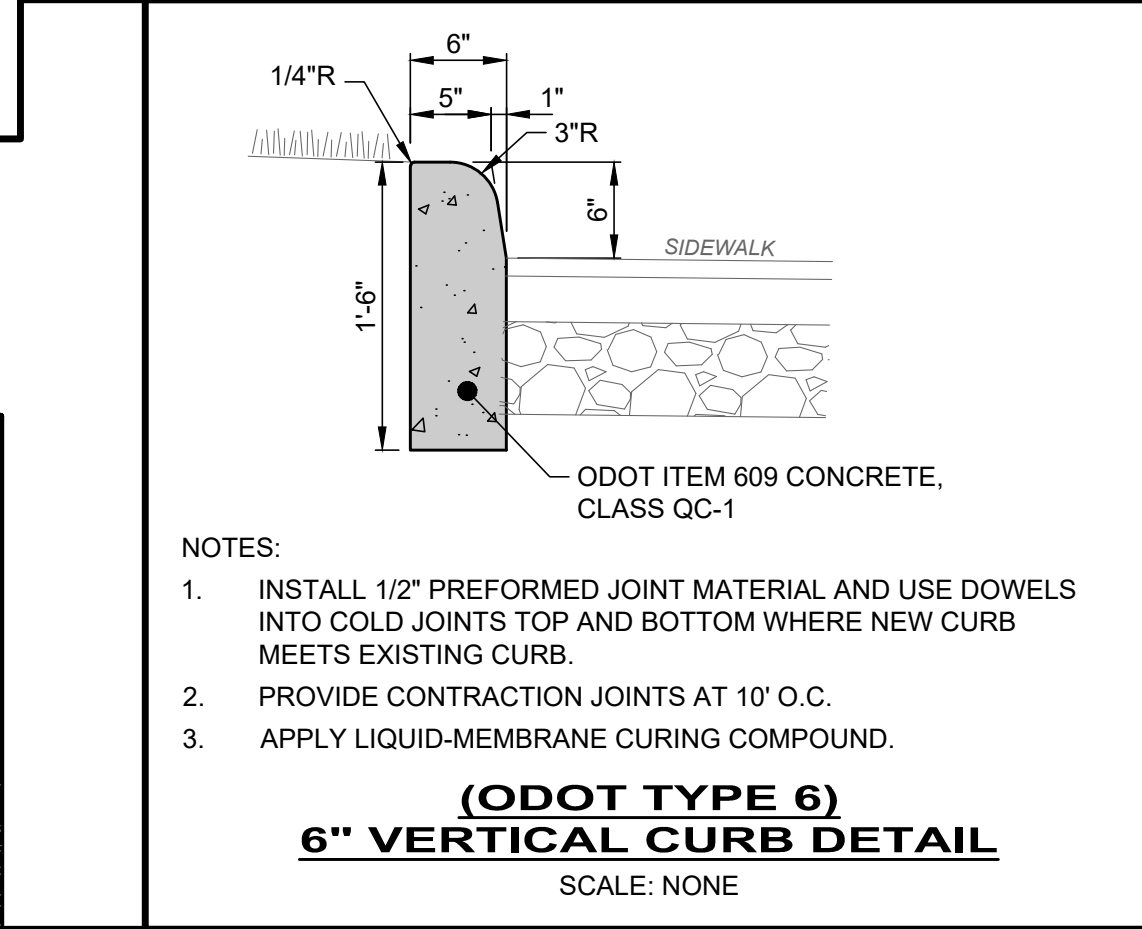
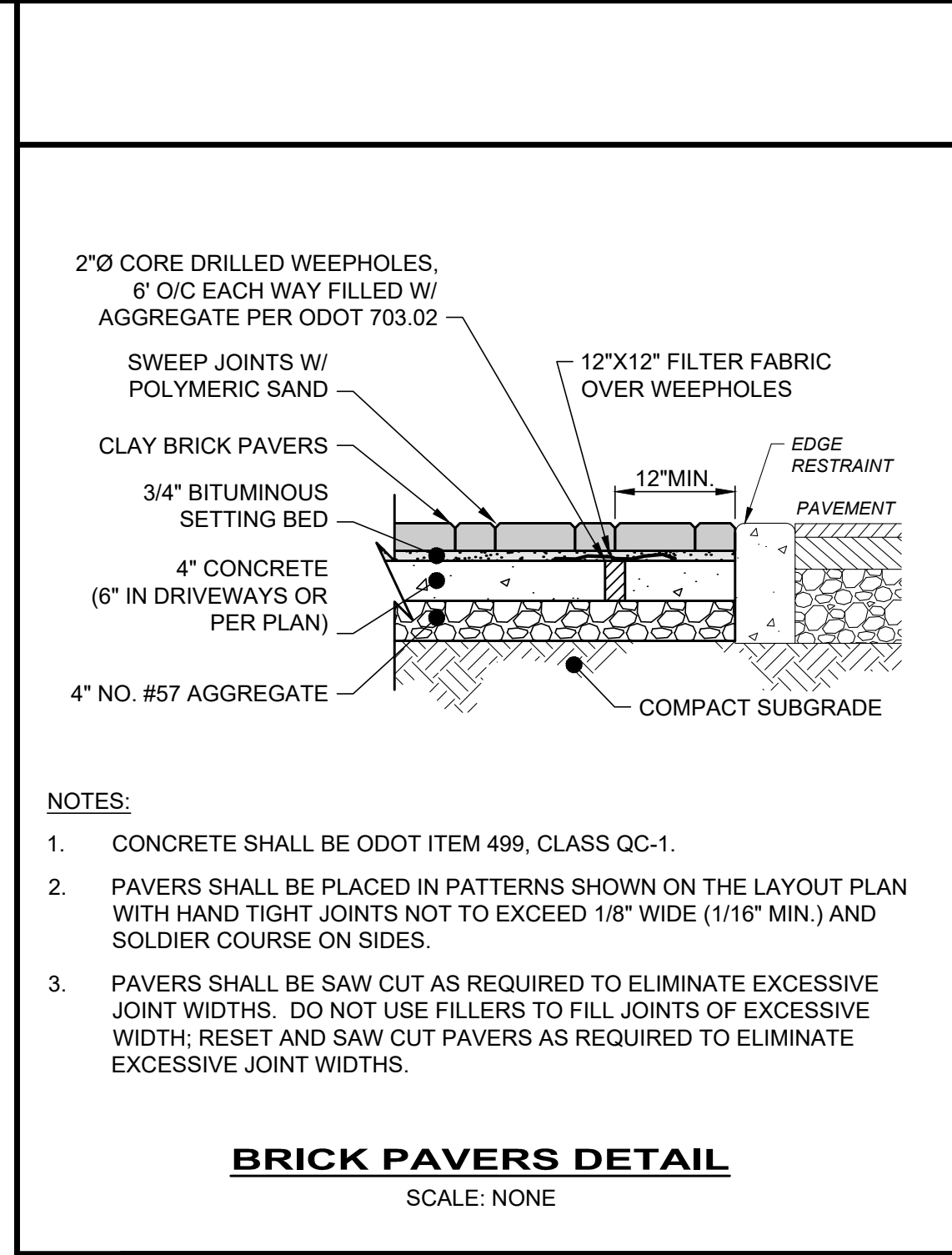
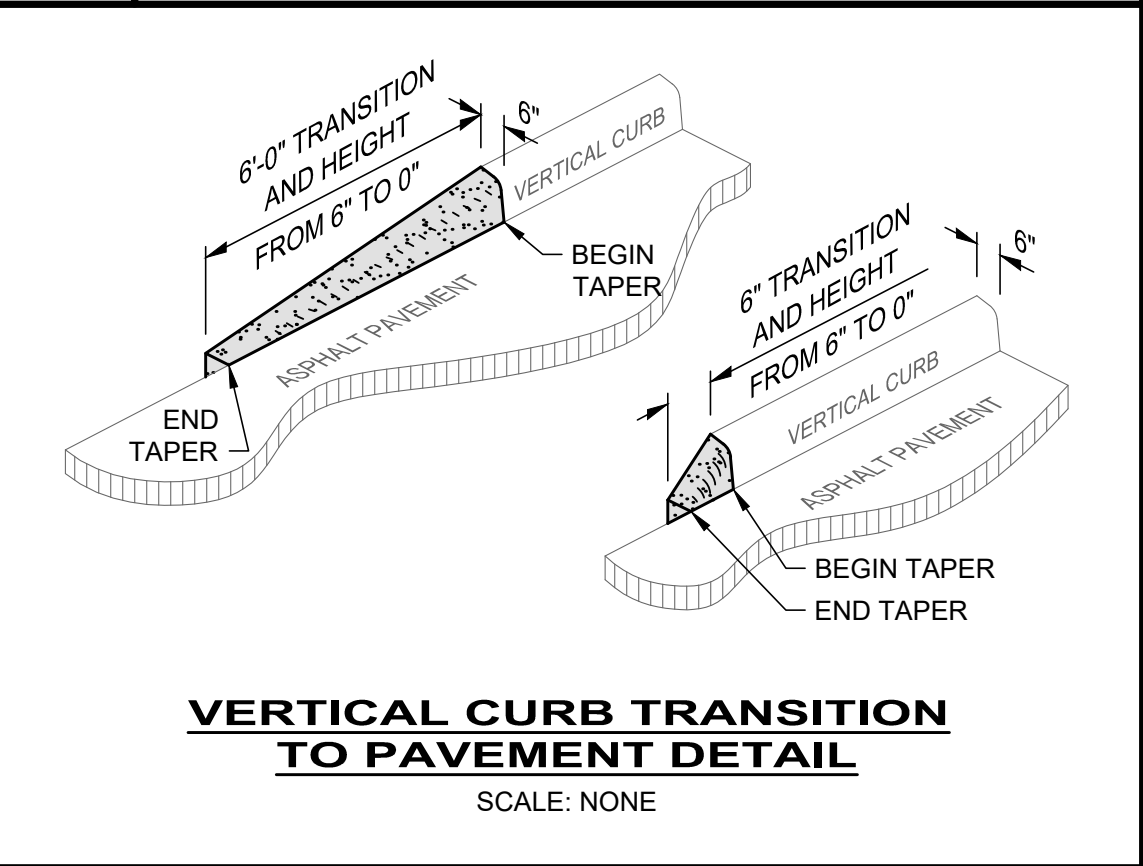
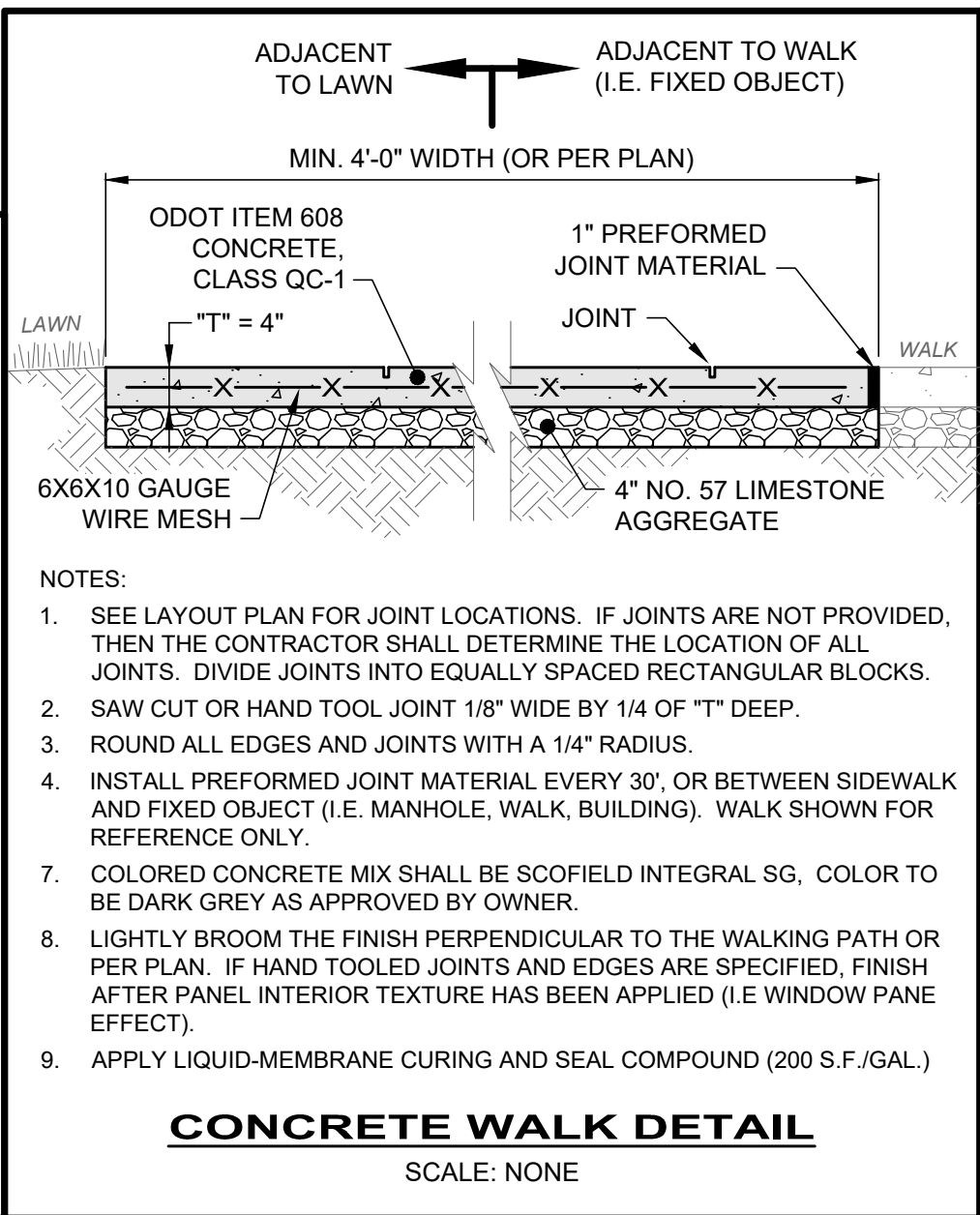
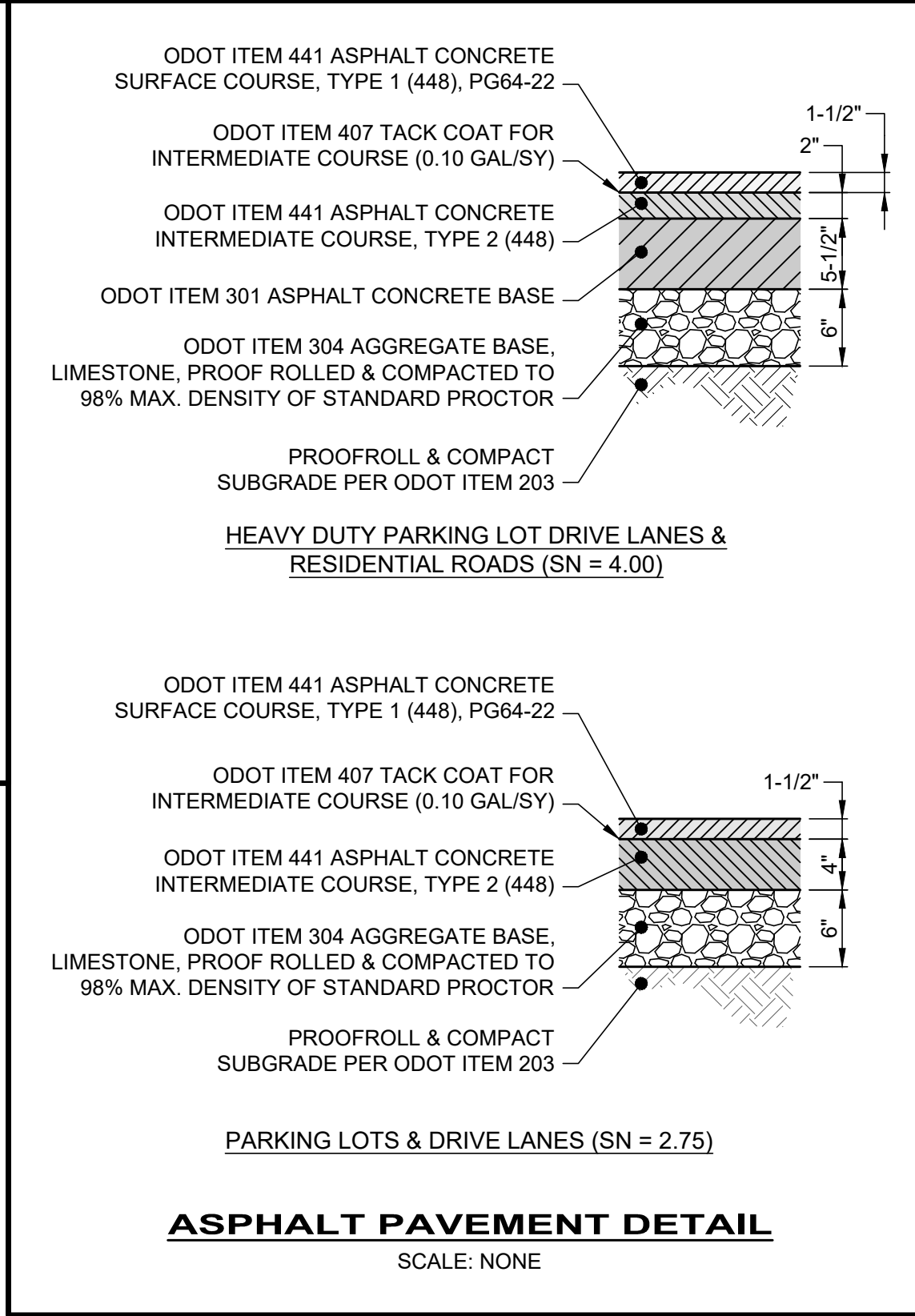
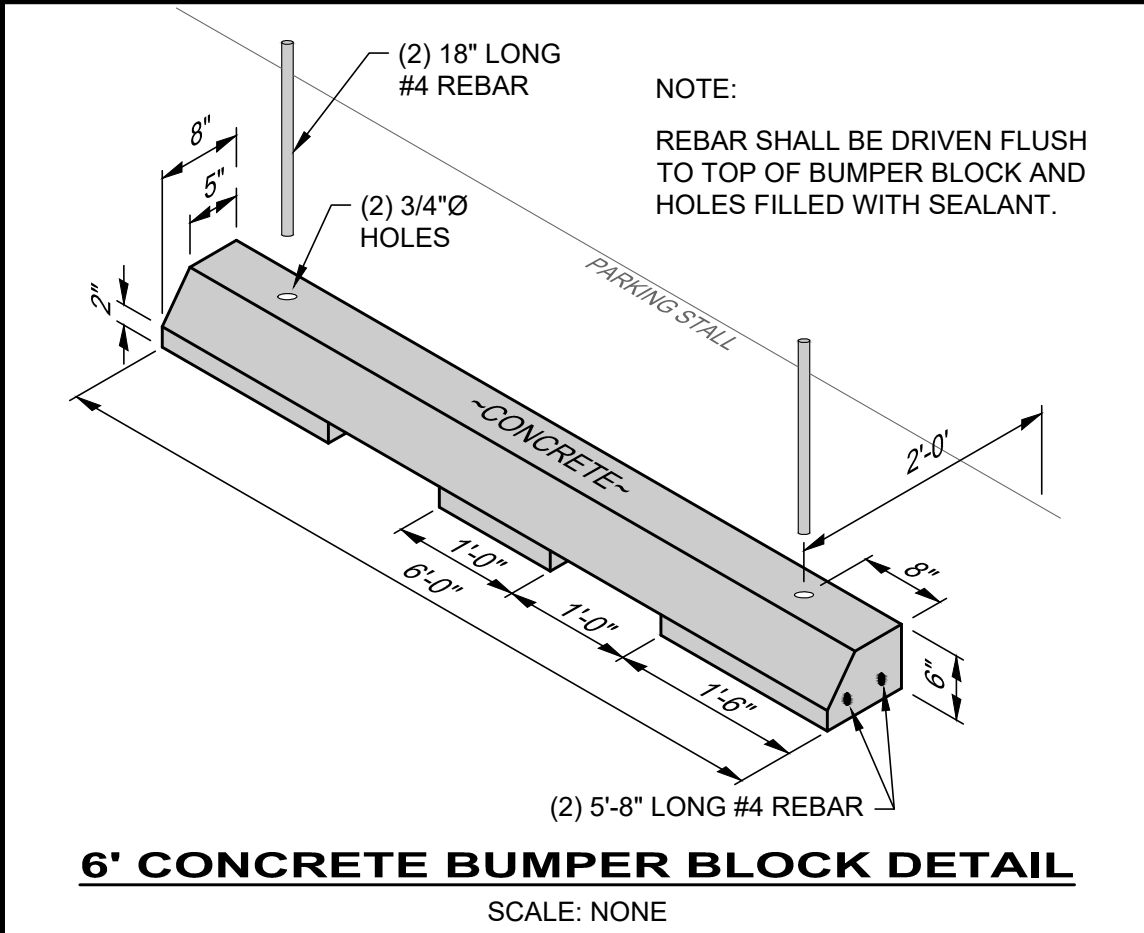
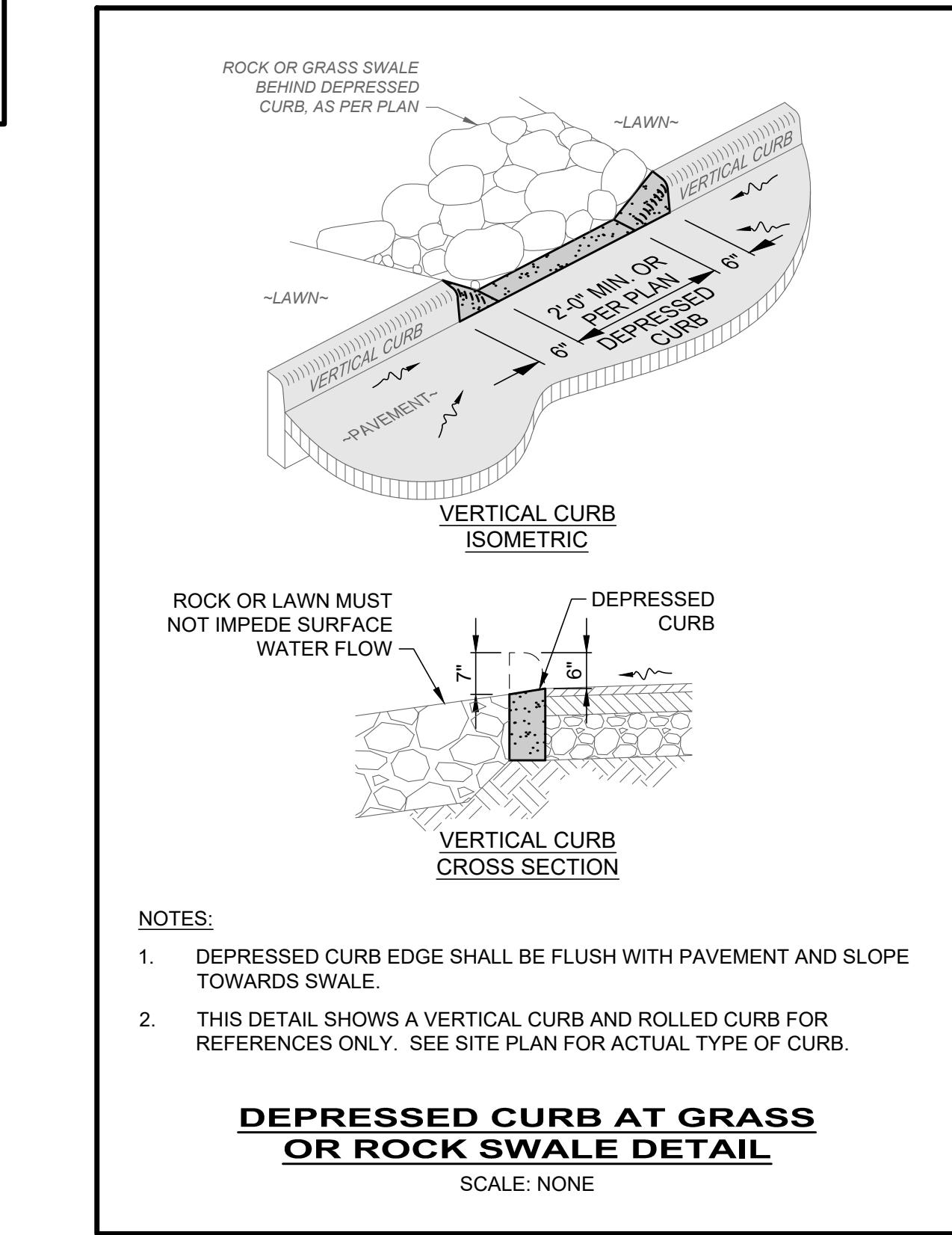
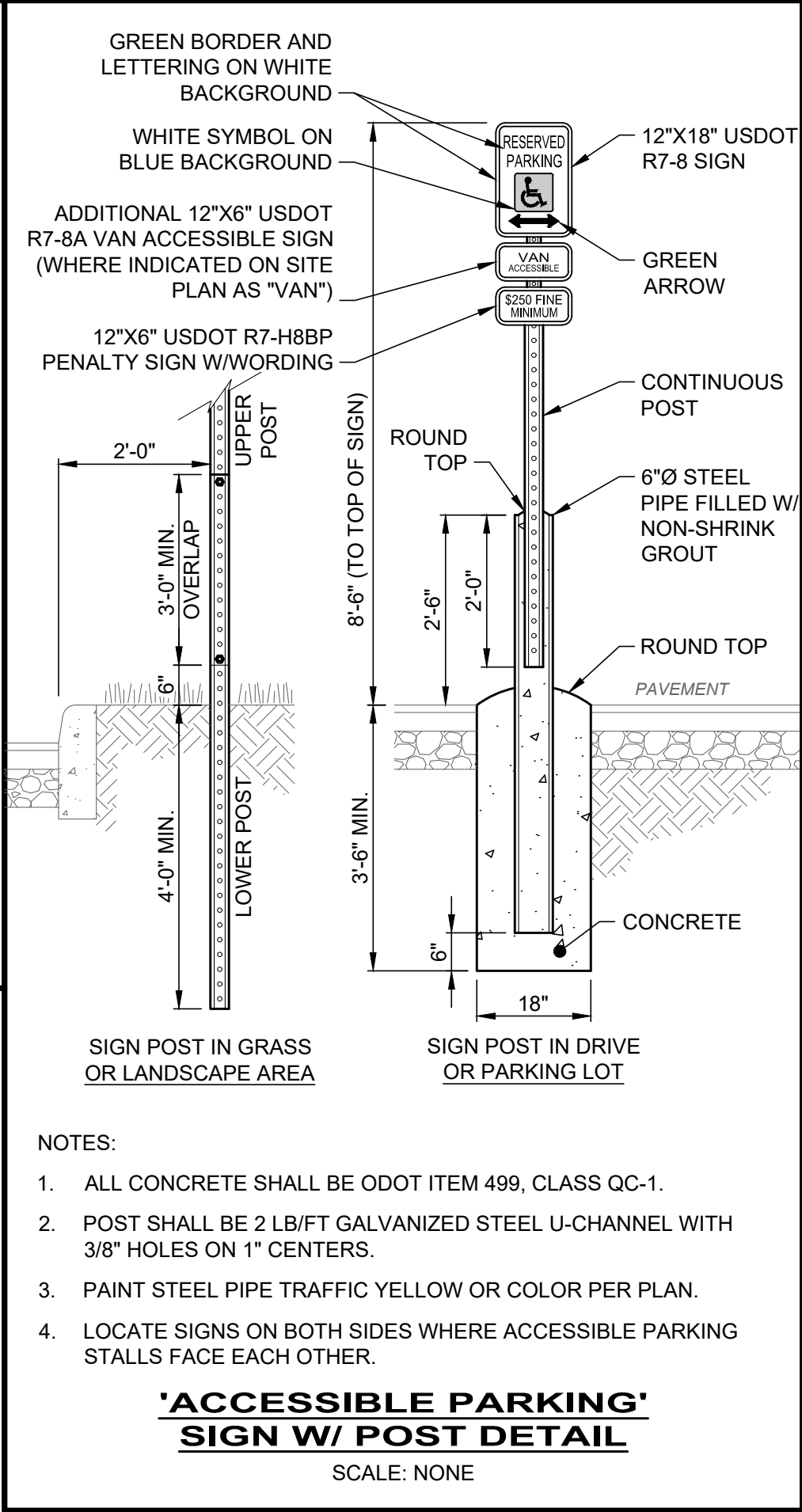
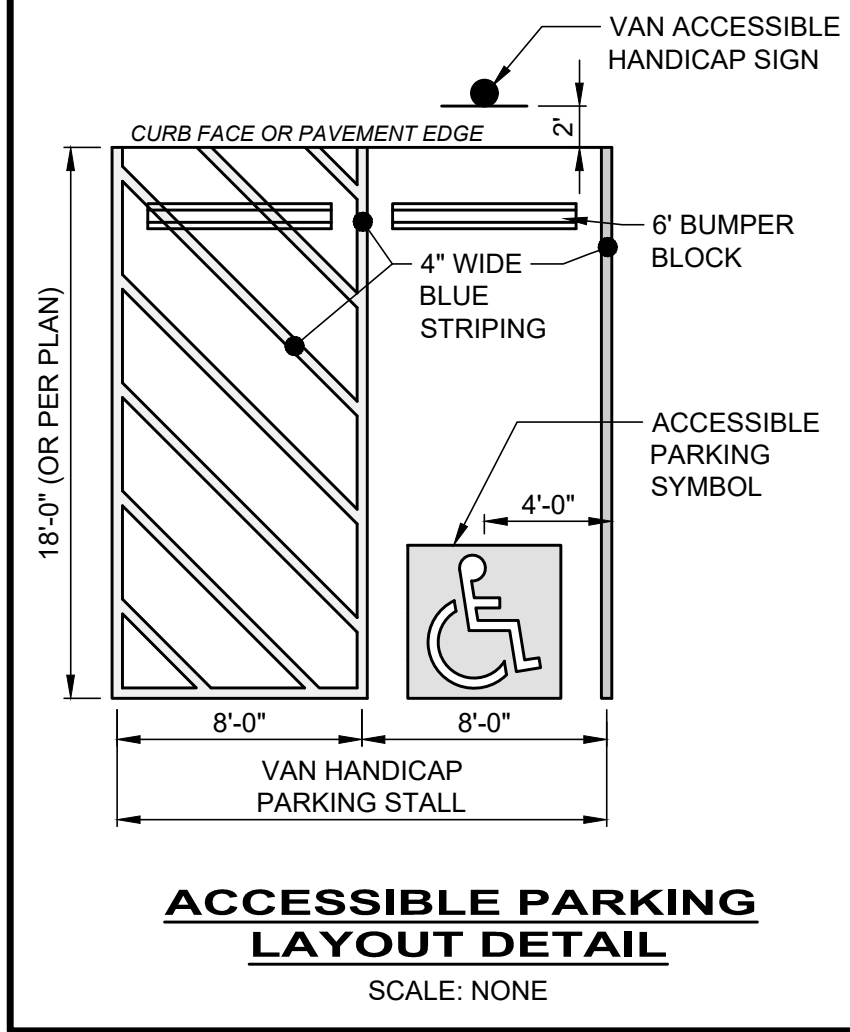
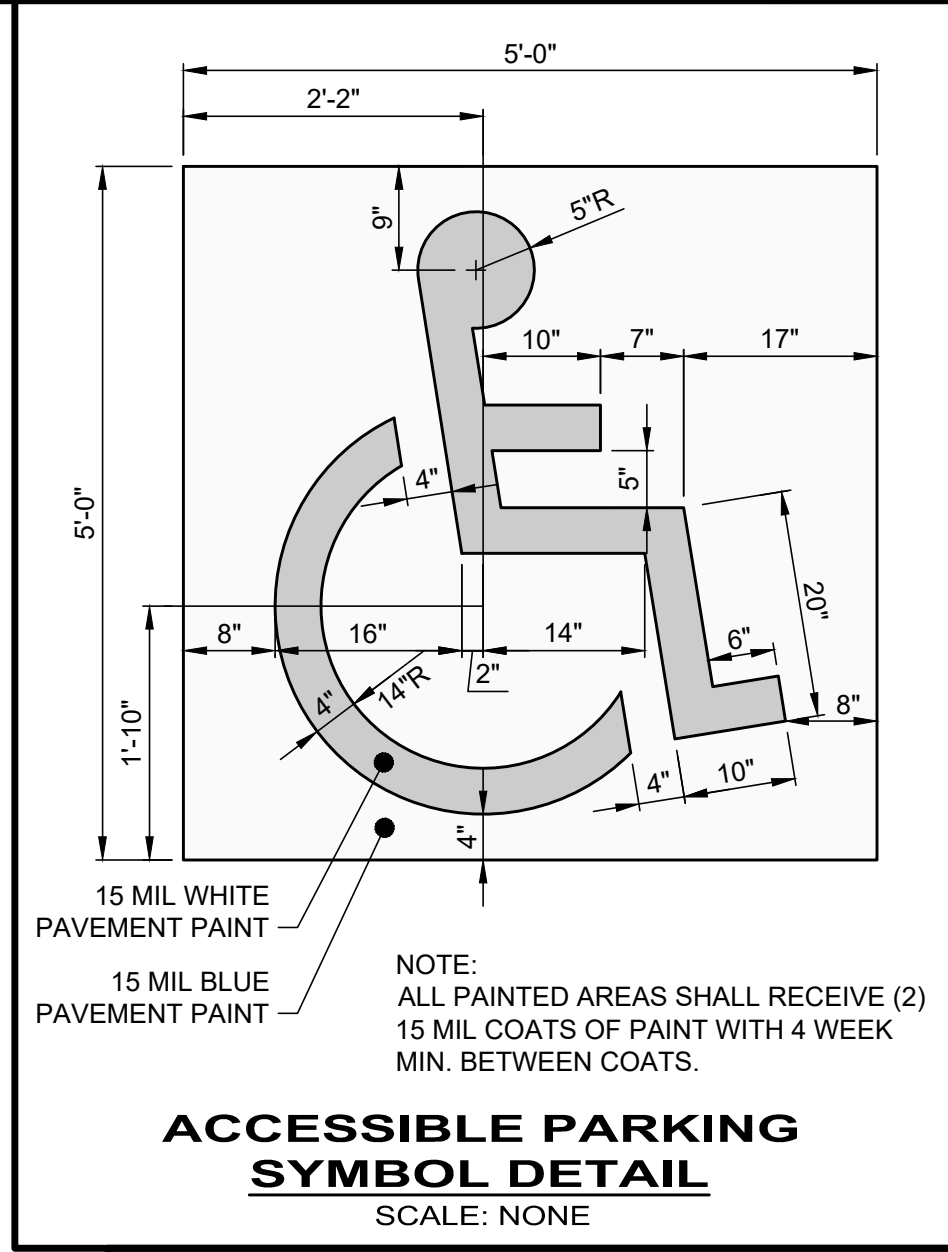
SWP-4

SHEET

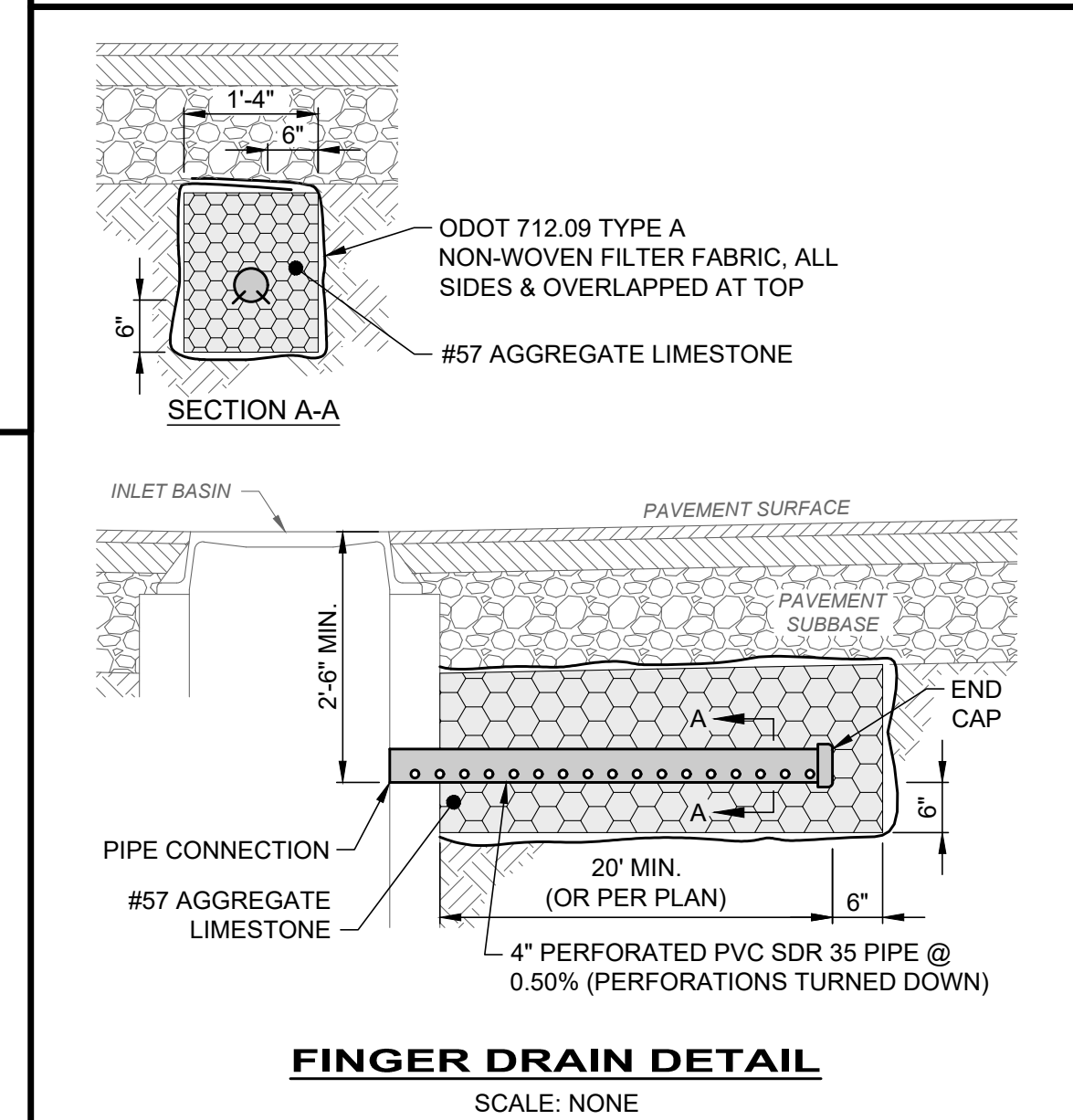
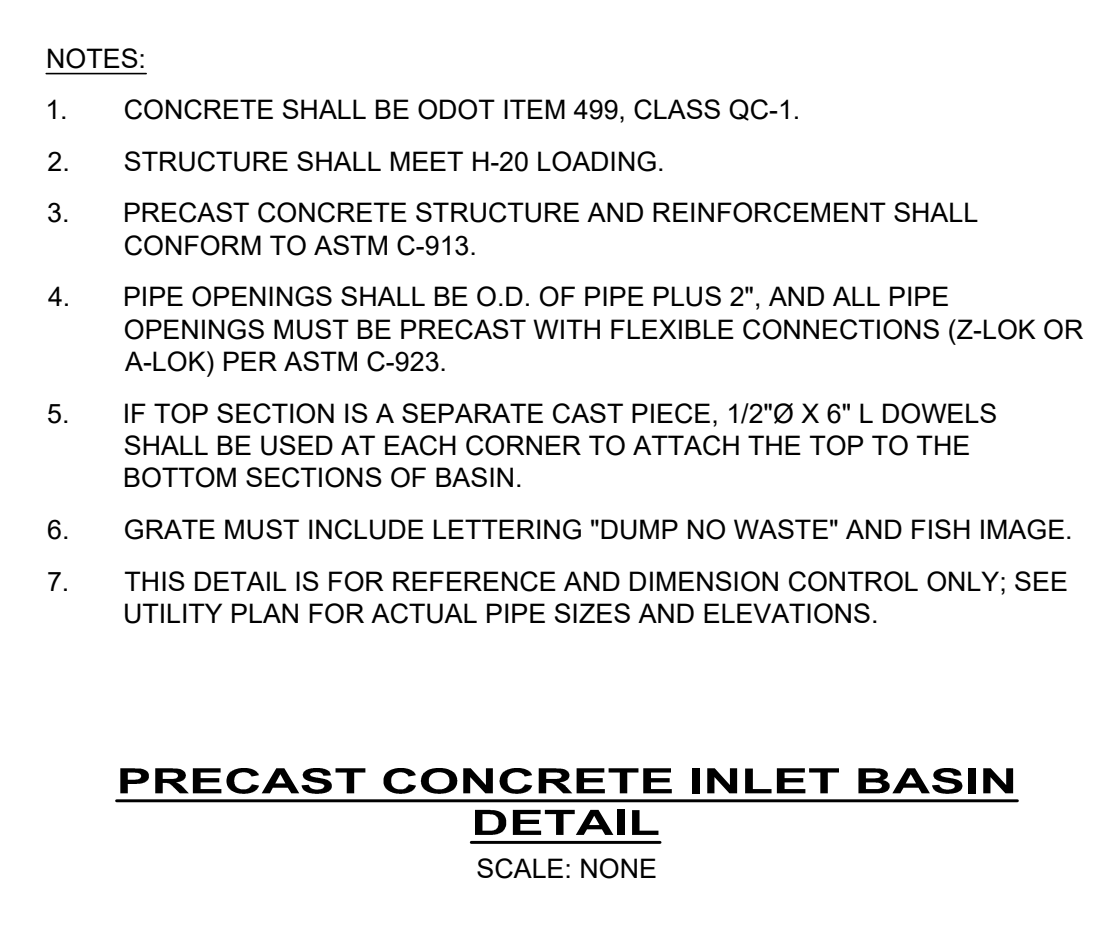
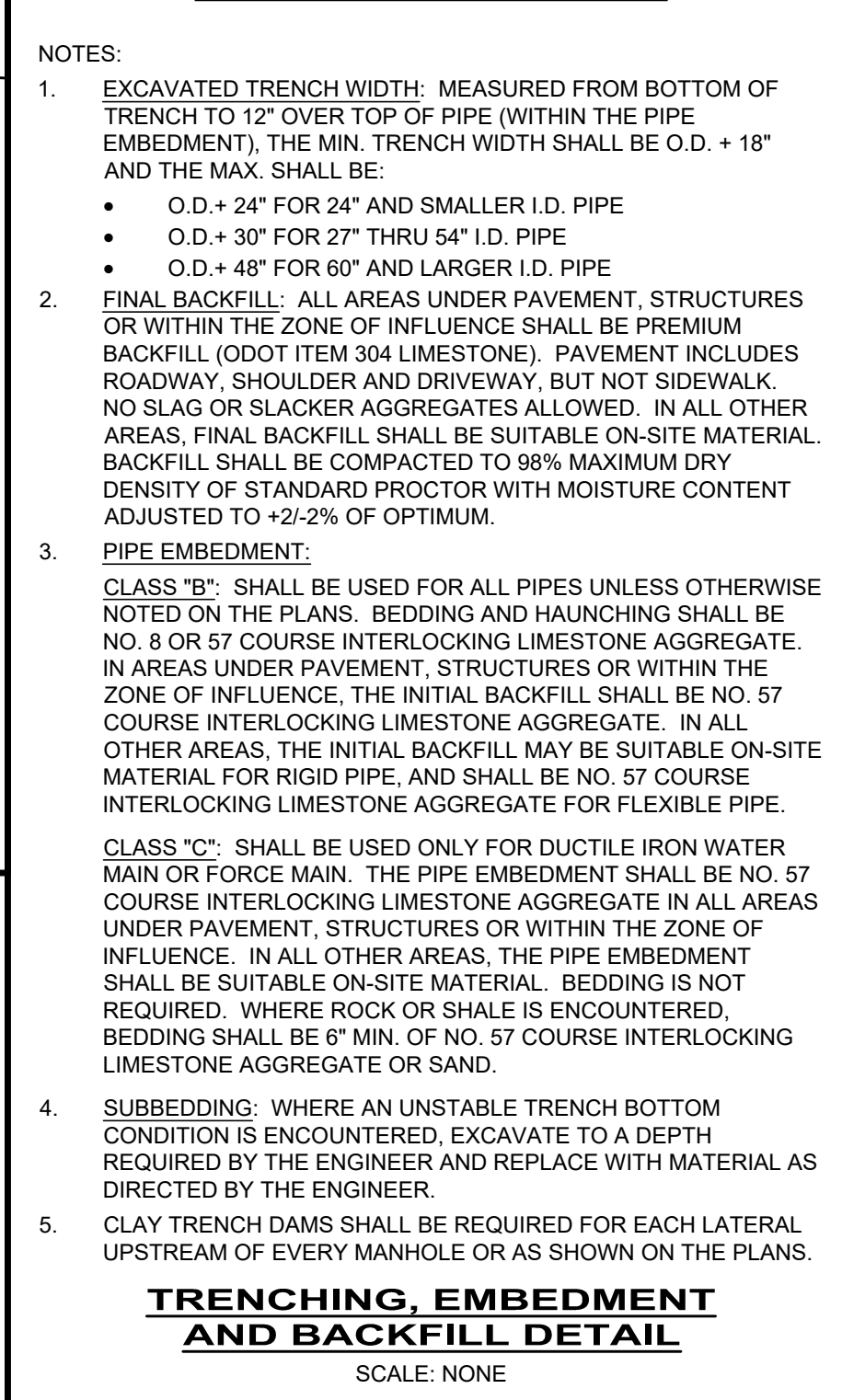
13

OF

41



STATE OF OHIO		RICHARD R. WASHINGTON		REGISTERED LANDSCAPE ARCHITECT	
Richard Washington, License #754		9400794		Expiration Date 12/31/2026	
verdantas		PROJECT NO.		242425	
		DISCIPLINE		CIVIL	
		SHEET NAME		DT-1	
		SHEET		OF	
		14		41	

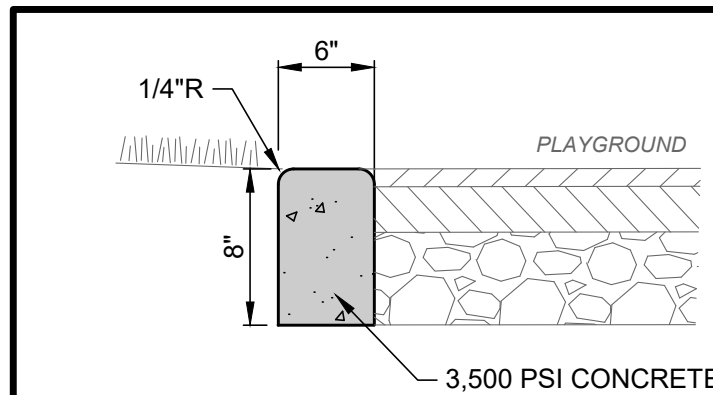


DATE	REVISION	NO	BID	ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
			9/12/25	AS SHOWN	RW	CZ	RW		

JEFFERSON COMMUNITY PARK
260 E JEFFERSON STREET
- VILLAGE OF JEFFERSON, ASHTABULA COUNTY -

DETAILS

PROJECT NO.	242425
DISCIPLINE	CIVIL
SHEET NAME	DT-2
SHEET	OF
16	41

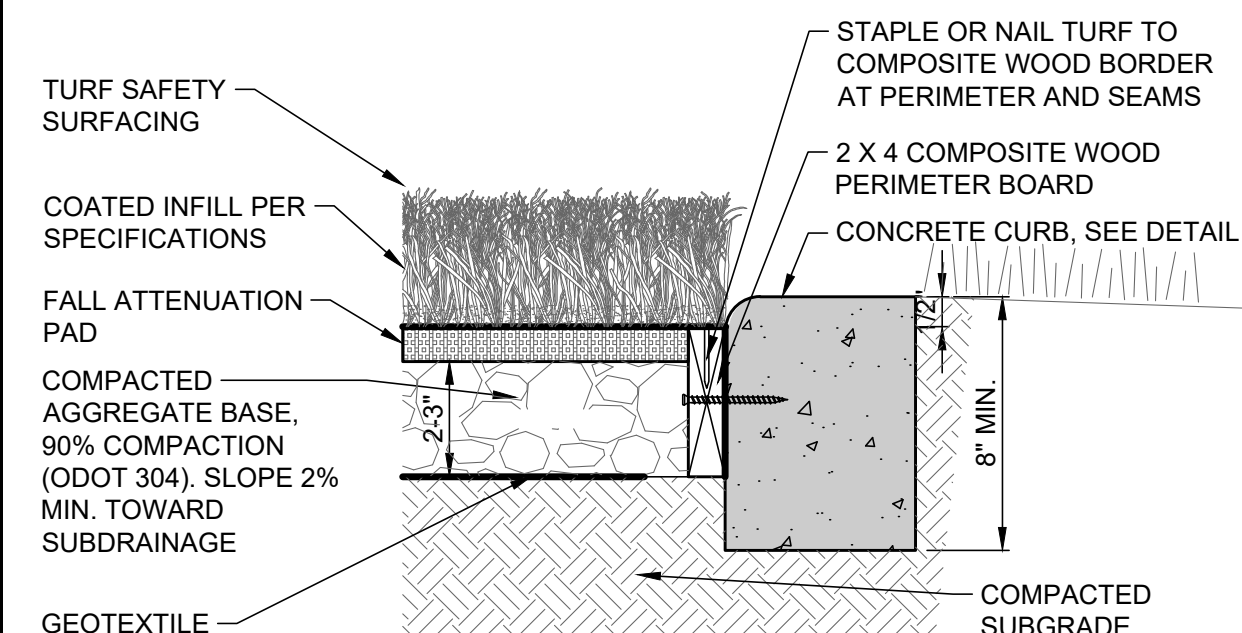


NOTES:

1. INSTALL 1/2" PREFORMED JOINT MATERIAL AND USE DOWELS INTO COLD JOINTS TOP AND BOTTOM WHERE NEW CURB MEETS EXISTING CURB.
2. PROVIDE CONTRACTION JOINTS AT 10' O.C.
3. APPLY LIQUID-MEMBRANE CURING COMPOUND.

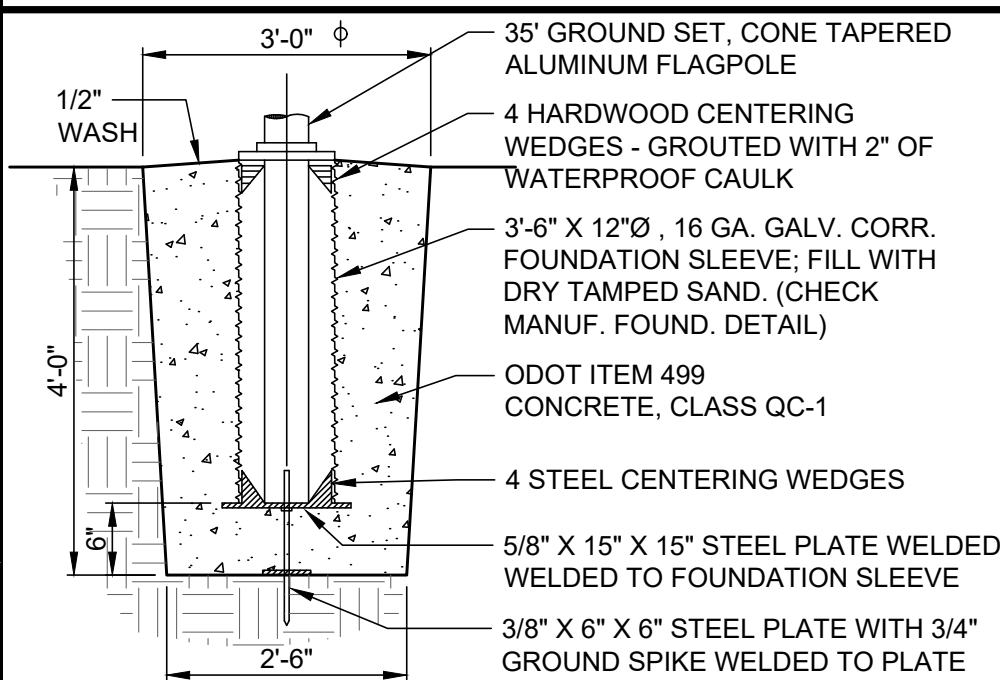
PLAYGROUND FLUSH CURB DETAIL

SCALE: NONE



TURF SAFETY SURFACE DETAIL

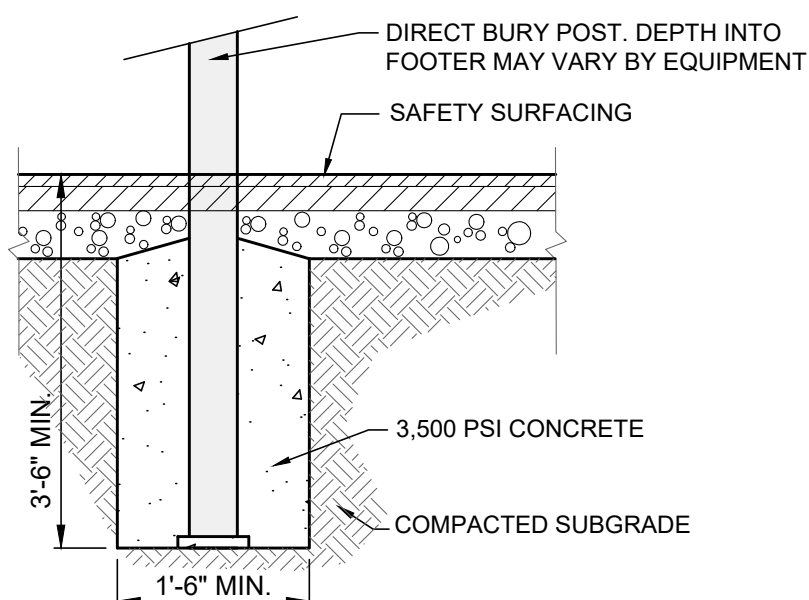
NOT TO SCALE



NOTE: REFER TO MANUFACTURER'S SPECIFICATIONS FOR FOOTER SIZE PER FLAGPOLE HEIGHT.

FLAGPOLE BASE DETAIL

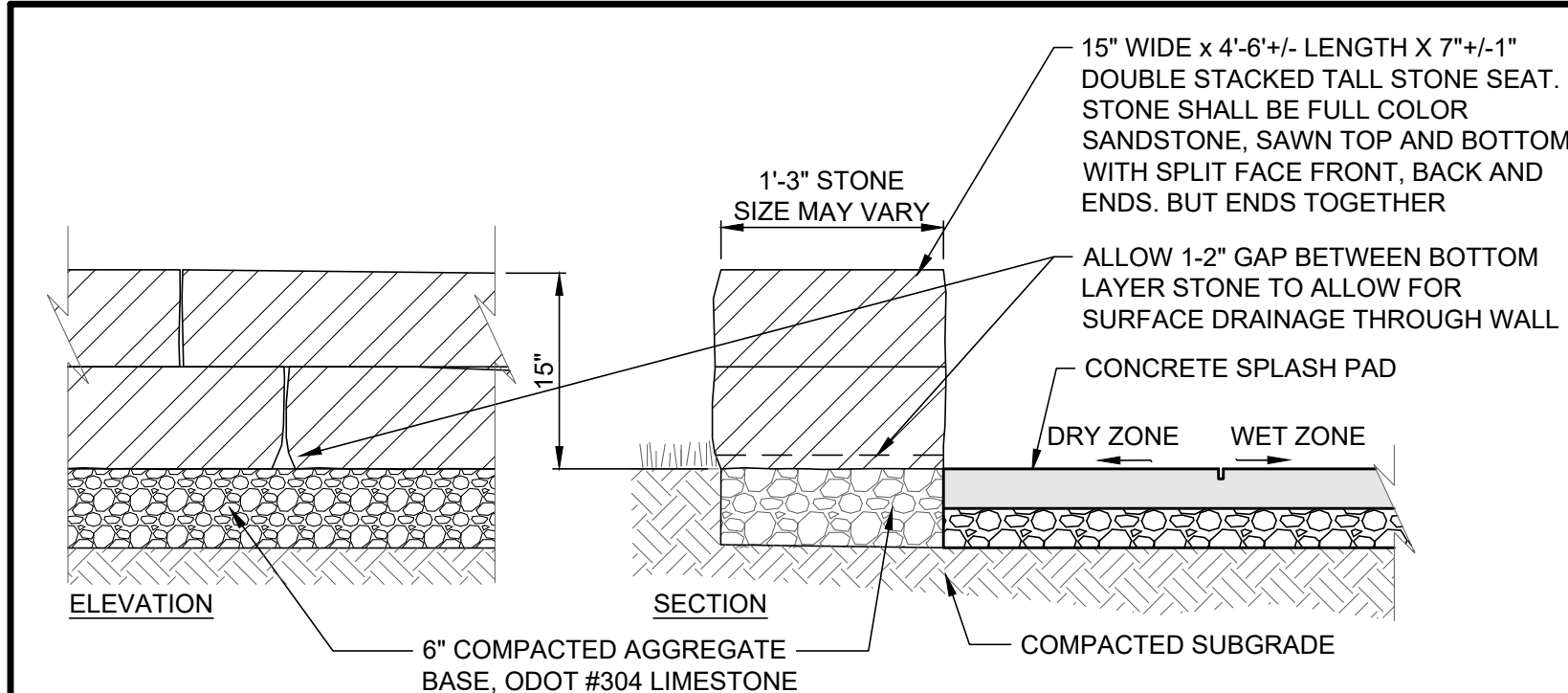
SCALE: NONE



NOTES:
1. REFER TO MANUFACTURERS FOOTER CHART FOR FOOTER SIZING.

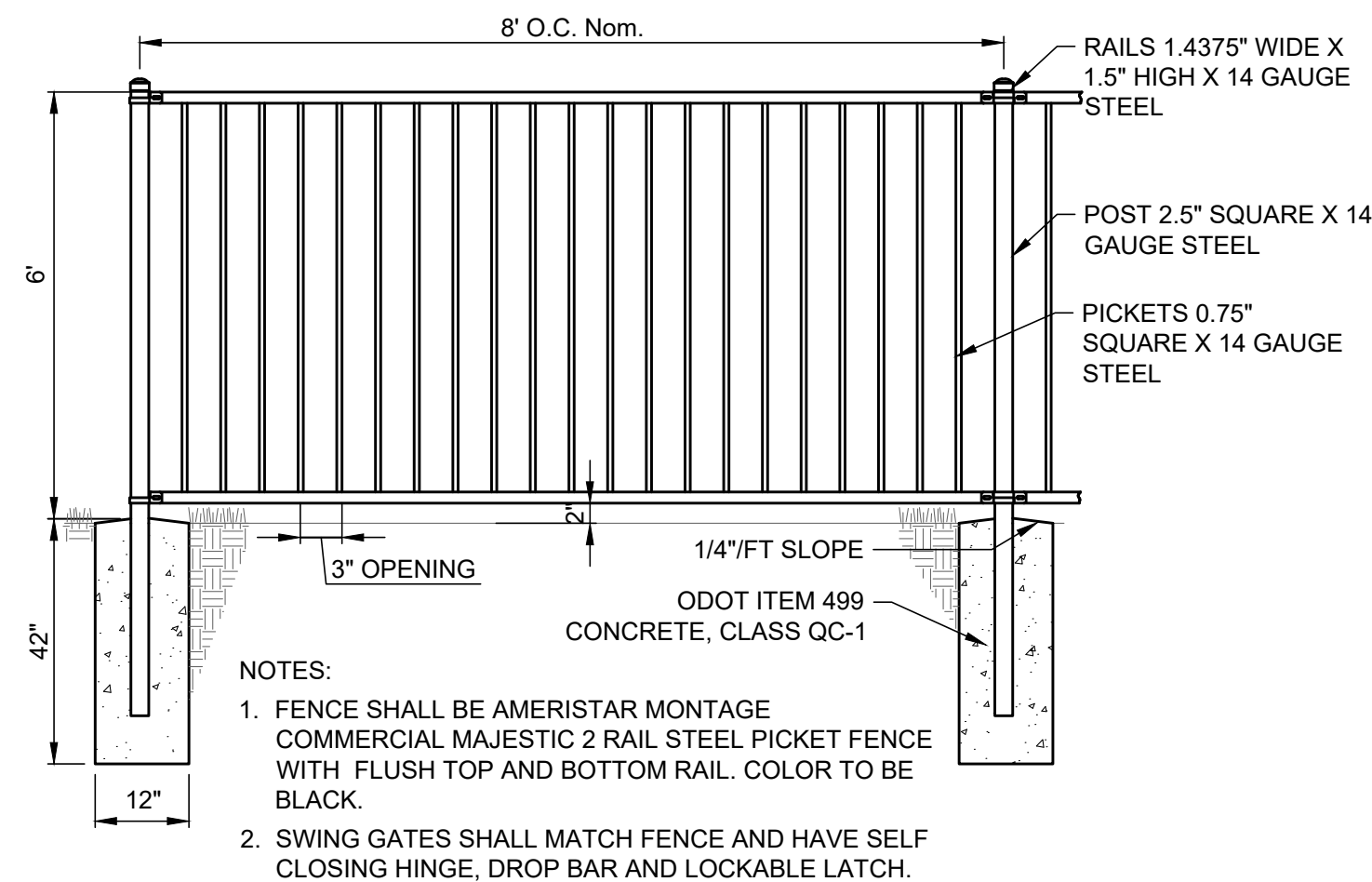
PLAY EQUIPMENT POST FOOTER DETAIL

SCALE: NONE



STONE SEATWALL DETAIL

SCALE: NONE

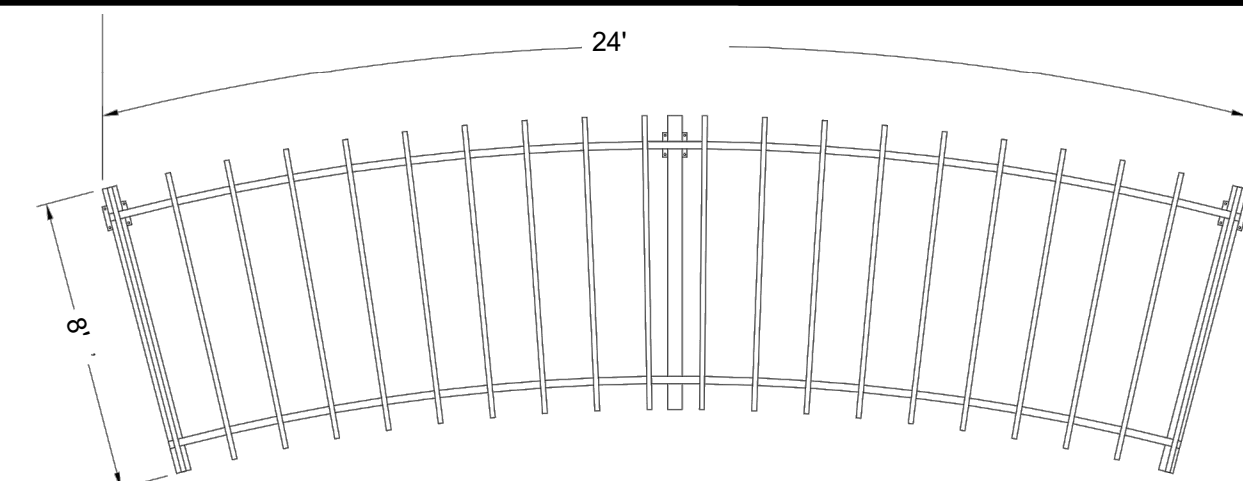


NOTES:

1. FENCE SHALL BE AMERISTAR MONTAGE COMMERCIAL MAJESTIC 2 RAIL STEEL PICKET FENCE WITH FLUSH TOP AND BOTTOM RAIL. COLOR TO BE BLACK.
2. SWING GATES SHALL MATCH FENCE AND HAVE SELF CLOSING HINGE, DROP BAR AND LOCKABLE LATCH.

PICKET FENCE DETAIL

SCALE: NONE

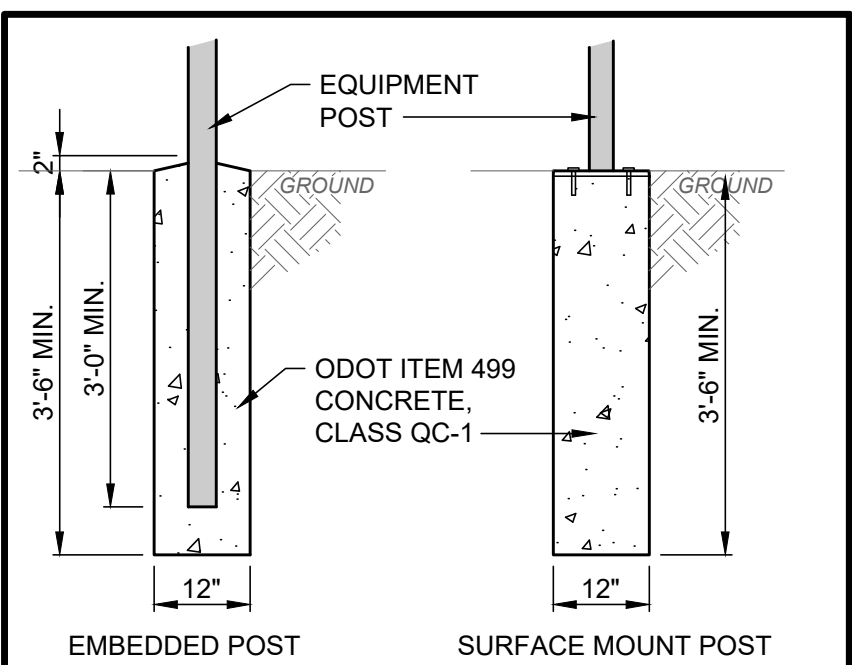


8' X 24' FRAMED ARBOR DETAIL

SCALE: NONE

NOTE:

1. REFER TO SPECIFICATIONS FOR ARBOR INFORMATION.
2. ARBOR PLANS AND DETAILS FROM THE SUPPLIER ARE NOT TO SCALE AND FOR REFERENCE ONLY.
3. THE CONTRACTOR IS RESPONSIBLE TO VERIFY INFORMATION FROM THE ARBOR MANUFACTURER.
4. FOOTER DESIGN SHALL BE SUBMITTED WITH THE SHOP DRAWINGS FROM THE MANUFACTURER.
5. REFER TO SITE PLAN FOR RADIUS.

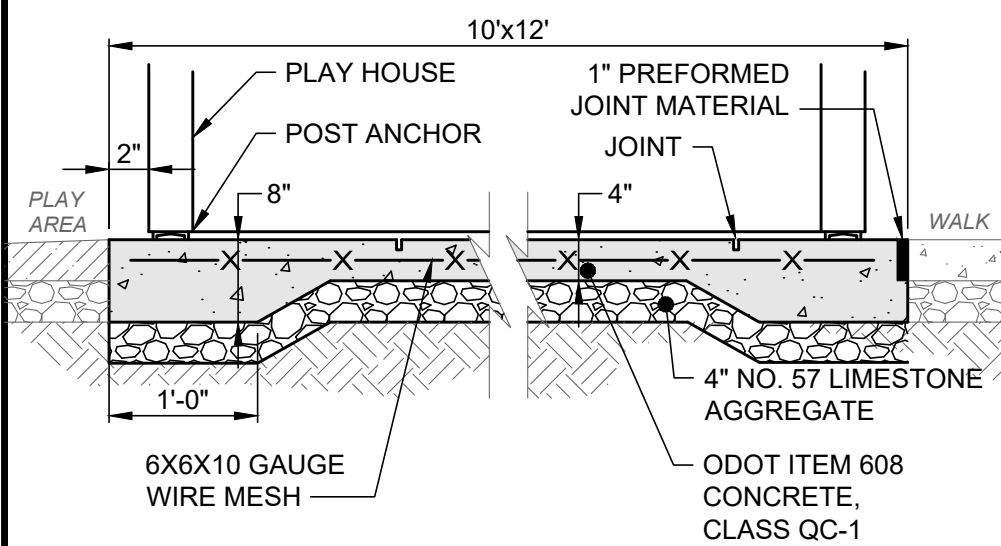


NOTES:

1. POSTS SHALL BE SMOOTH, WATER TIGHT, AND FREE OF BURRS AND SHARP PROJECTIONS FABRICATED FROM SCH. 40 STEEL PIPE PER ASTM A-53.
2. GALVANIZE ALL PIPES AFTER FABRICATION PER ASTM A-123. RE-GALVANIZE AREAS WHERE COATING IS DAMAGED.
3. ALL HARDWARE, CONNECTORS, BOLTS, NUTS, WASHERS, ETC. SHALL BE HOT-DIPPED ZINC COATED GALVANIZED STEEL PER ASTM A653.
4. THIS DETAIL IS FOR REFERENCE AND GENERAL DIMENSION CONTROL ONLY; SEE MANUFACTURER'S SPECIFICATIONS FOR ACTUAL DIMENSIONS, FASTENERS, MATERIALS, CONFIGURATION, PARTS LIST, ETC.

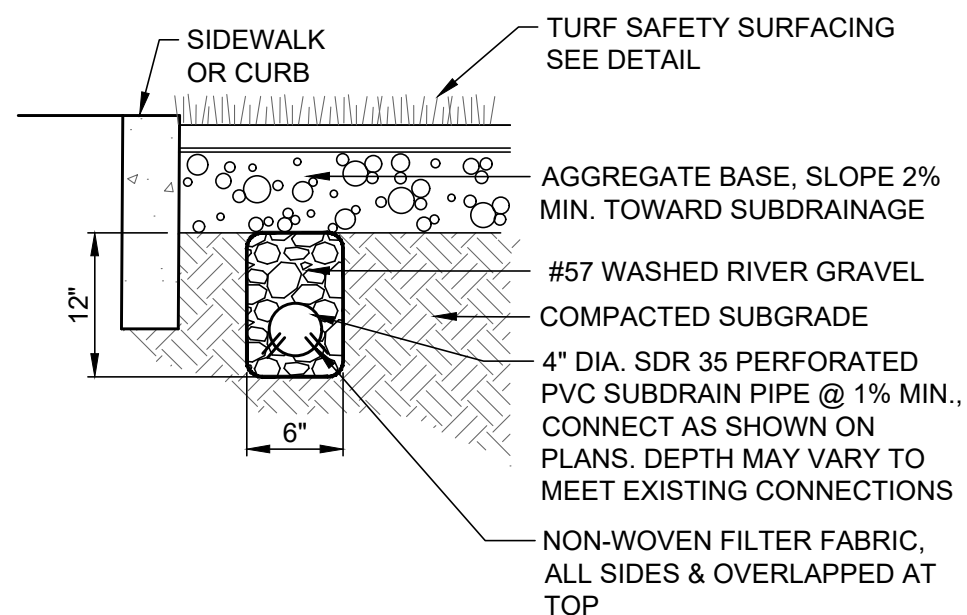
FURNISHING FOOTER DETAIL

SCALE: NONE



PLAYHOUSE CONCRETE PAD DETAIL

SCALE: NONE



SUBDRAINAGE SYSTEM DETAIL

NOT TO SCALE

5-12 AREA

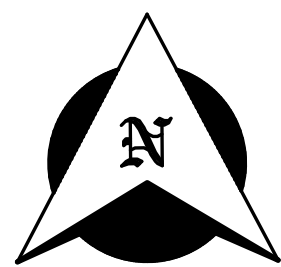
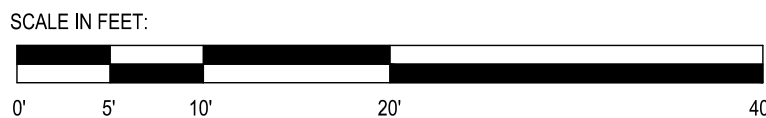
TOTAL ELEVATED PLAY COMPONENTS	0		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	0	REQUIRED	0
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	1	REQUIRED	0
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	1	REQUIRED	1

Freestanding Play
(5-12 years)
Max Fall Height: 90 inches

PlayBooster, Smart Play and Parts
(2-5 years)
Max Fall Height: 96 inches

2-5 AREA

TOTAL ELEVATED PLAY COMPONENTS	15		
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	0	REQUIRED	0
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	11	REQUIRED	8
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	37	REQUIRED	5
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	24	REQUIRED	24



Jefferson Community Park

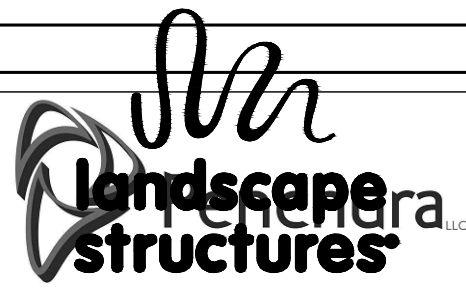
Jefferson, OH

Penchura, LLC

Joe Kurtz

SYSTEM TYPE:
Smart Play

DRAWING #:
PEN1192780-01



The play components identified on this plan are IPEMA certified. (Unless model number is preceded with *) The use and layout of these components conform to the requirements of ASTM F1487. To verify product certification, visit www.ipema.org

THIS PLAY AREA & PLAY EQUIPMENT IS DESIGNED FOR AGES 2-12 YEARS UNLESS OTHERWISE NOTED ON PLAN.

IT IS THE MANUFACTURERS OPINION THAT THIS PLAY AREA DOES CONFORM TO THE A.D.A. ACCESSIBILITY STANDARDS, ASSUMING AN ACCESSIBLE PROTECTIVE SURFACING IS PROVIDED, AS INDICATED, OR WITHIN THE ENTIRE USE ZONE.

THIS CONCEPTUAL PLAN WAS BASED ON INFORMATION AVAILABLE TO US, PRIOR TO CONSTRUCTION. DETAILED SITE INFORMATION INCLUDING SITE DIMENSIONS, TOPOGRAPHY, EXISTING UTILITIES, SOIL CONDITIONS, AND DRAINAGE SOLUTIONS SHOULD BE OBTAINED, EVALUATED, & UTILIZED IN THE FINAL DESIGN. PLEASE VERIFY ALL DIMENSIONS OF PLAY AREA, SIZE, ORIENTATION, AND LOCATION OF ALL EXISTING UTILITIES, EQUIPMENT, AND SITE FURNISHINGS PRIOR TO ORDERING. SLIDES SHOULD NOT FACE THE HOT AFTERNOON SUN.

CHOOSE A PROTECTIVE SURFACING MATERIAL THAT HAS A CRITICAL HEIGHT VALUE TO MEET THE MAXIMUM FALL HEIGHT FOR THE EQUIPMENT (REF. ASTM F1487 STANDARD CONSUMER SAFETY PERFORMANCE SPECIFICATION FOR PLAYGROUND EQUIPMENT FOR PUBLIC USE, SECTION 8 CURRENT REVISION). THE SUBSURFACE MUST BE WELL DRAINED. IF THE SOIL DOES NOT DRAIN NATURALLY IT MUST BE TILED OR SLOPED 1/8" TO 1/4" PER FOOT TO A STORM SEWER OR A "FRENCH DRAIN".

AREA OF
ACCESSIBLE/PROTECTIVE
SURFACING
(TURF SUGGESTED)
11,778 SF

DESIGNED BY:
AH

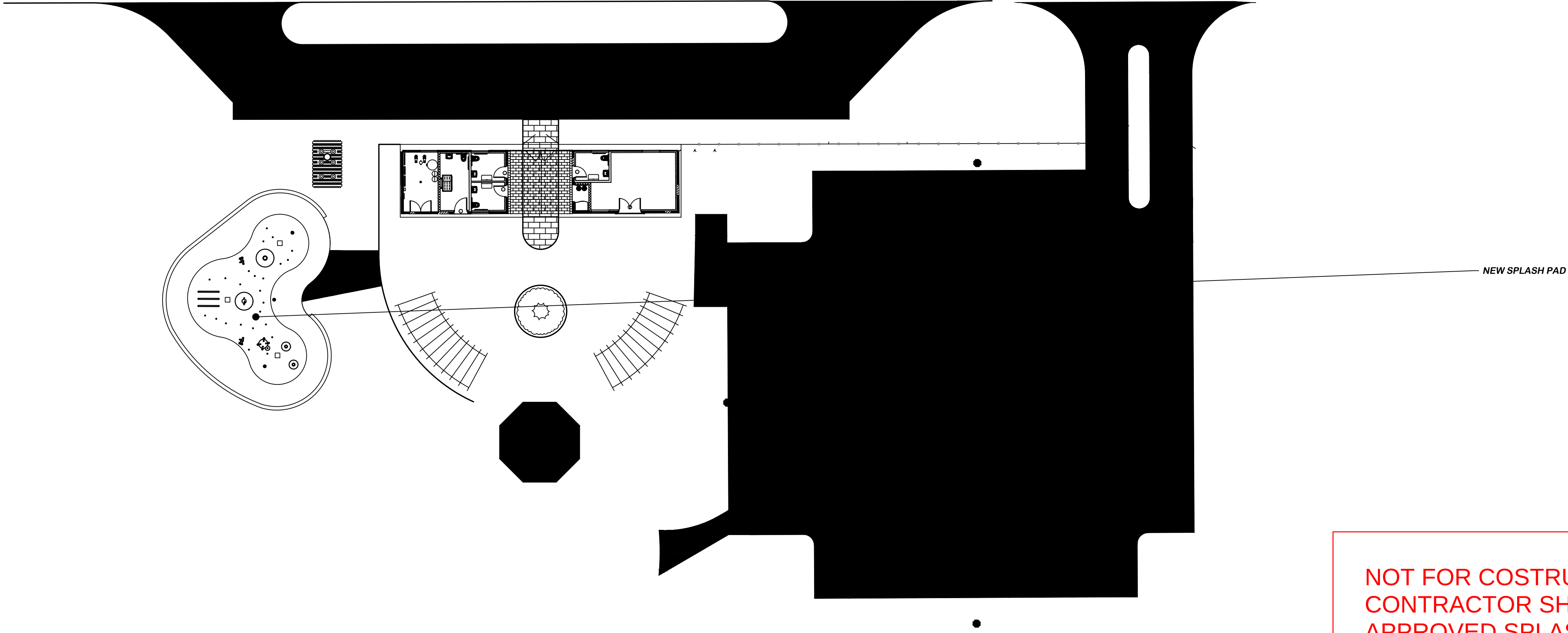
COPYRIGHT: 1/15/2025
LANDSCAPE STRUCTURES, INC.
601 7th STREET SOUTH • P.O. BOX 198
DELANO, MINNESOTA 55328
PH: 1-800-328-0035 FAX: 1-763-972-6091

Date	Previous Drawing #	Initials

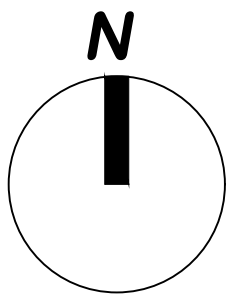
VERDANTAS SPLASH PAD

GENERAL NOTES:

- ALL MECHANICAL EQUIPMENT LOCATIONS ON THESE PLANS ARE FOR GRAPHICAL PURPOSES ONLY. FINAL LOCATIONS FOR MECHANICAL EQUIPMENT, PIPING & CONDUITS, ETC. ARE TO BE DETERMINED IN THE FIELD.
 - ALL PLUMBING AND ELECTRICAL WORK TO BE DONE PER LOCAL AND NATIONAL CODES
 - WATER VELOCITY NOT TO EXCEED 20 FPS, OR 6.2' IN HEIGHT
 - ALL NOZZLE OPENINGS NOT TO EXCEED 5/16"
 - MAXIMUM SIZE FOR DRAIN GRATE OPENINGS IS 5/16"
 - CLIENT TO PROVIDE SITE READY CONSTRUCTION AREA FREE FROM DEBRIS AND OBSTRUCTIONS
 - MINIMUM ELECTRICAL SERVICE FOR PUMP(S), CONTROLLER(S), ACTIVATOR(S), TIMER(S) PROVIDED BY OTHERS AND BROUGHT TO AN ACCESSIBLE LOCATION FOR SPLASH ZONE UTILIZATION
 - PIPING AND PIPE FITTINGS TO BE CONSTRUCTED OF SCH 40 PVC AND PASS PRESSURE TEST EQUAL TO 150% OF NORMAL OPERATING PRESSURE
- LICENSED CONTRACTOR TO CONDUCT STATIC HYDRAULIC PRESSURE TEST. LINES SHALL WITHSTAND PRESSURE OF UP TO 25 POUNDS PER SQUARE INCH FOR A MINIMUM OF 30 MINUTES. THE TEST SHALL BE PERFORMED BEFORE ANY CONCRETE IS POURED.
 - PIPING SYSTEM SHALL BE IDENTIFIED BY COLOR, STENCILS, OR LABELS LOCATED AT CONSPICUOUS POINTS
 - ALL PLASTIC WATER CIRCULATION PIPES, TANKS AND EQUIPMENT TO COMPLY WITH AMERICAN NATIONAL STANDARD/NSF INTERNATIONAL STANDARD NUMBER 14
 - BATHING, RESTROOM AND CHANGING FACILITIES MET BY EXISTING ON-SITE FACILITIES
 - SPLASH PAD IS DESIGNED FOR DAYTIME USE ONLY; NO ADDITIONAL SITE LIGHTING REQUIRED
 - SIGNAGE STATING SPLASH PAD RULES, OPERATIONAL HOURS, AND EMERGENCY CONTACT INFORMATION TO BE POSTED IN PLAIN SIGHT IN LETTERS AT LEAST 2" HIGH ON A CONTRASTING BACKGROUND



NOT FOR COSTRUCTION
CONTRACTOR SHALL OBTAIN FINAL STATE
APPROVED SPLASH PAD DOCUMENTS
PRIOR TO CONSTRUCTION



AERIAL MAP

SCALE: 1" = 20'

SHEET INDEX

SHT#	DESCRIPTION
SP1.0	SHEET INDEX, GENERAL NOTES, AREA MAPS
SP1.1	FEATURE LAYOUT
SP1.2	PLUMBING LAYOUT
SP1.3	DRAINAGE LAYOUT
SP1.4	ELECTRICAL LAYOUT
SP2.1	DETAILS & SPECS
SP2.2	DETAILS & SPECS
SP2.3	DETAILS & SPECS

PROJECT INFORMATION

PAD INFORMATION

- SPLASH PAD SIZE (WET) 916 SQ. FT.
- SPLASH PAD DRY ZONE 1073 SQ. FT.
- TOTAL SPLASH PAD SIZE 1989 SQ. FT.
- SPLASH PAD FINISH BROOM FINISH CONCRETE

MECHANICAL INFORMATION

FEATURE PUMP	MAX. FLOW RATE	ACTIVE FLOW RATE
PENTAIR WHISPERFLO 5HP XF VS	290 GPM	220 GPM

RECIRCULATION INFORMATION (PENTAIR INTELLIFLO VSF 3HP)

- MAX. PUMP FLOW RATE** 180 GPM
- TOTAL FILTER CAPACITY 155 GPM
- CISTERN CAPACITY 2500 GALLONS
- TURNOVER RATE 14 MINUTES

* IN-GROUND FEATURES RUN SEQUENTIALLY. AT ANY GIVEN TIME DURING SPLASH PAD OPERATION, A MAXIMUM OF 25% OF THE IN-GROUND NOZZLES ARE ACTIVE. ABOVE-GROUND FEATURES RUN CONTINUOUSLY THROUGHOUT THE OPERATION OF THE SPLASH PAD, UNLESS OTHERWISE NOTED. BALL VALVES LOCATED ON FEATURE MANIFOLD ARE ADJUSTED TO BALANCE THE PUMP CAPACITIES WITH FEATURE CAPACITIES.

** FLOW CURVES FOR ALL PUMPS LOCATED ON SP2 SHEETS

RAIN DECK
SPLASH PAD PRODUCT & DESIGN

20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

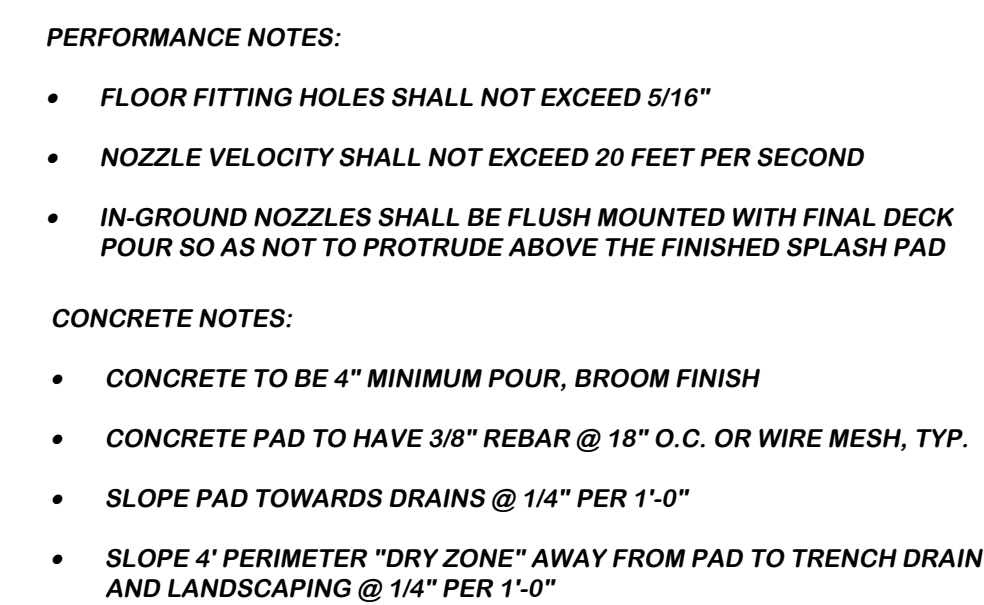
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VERDANTAS
SPLASH PAD
COVER SHEET

SCALE: AS NOTED

SEAL
DATE

DRAWN BY RS	REVIEWED BY LB
DATE MAY, 2025	
SHEET SP1.0	
JOB NUMBER 32275	



 **RAIN DECK**
SPACIOTRAFFIC PRODUCTS & DESIGN

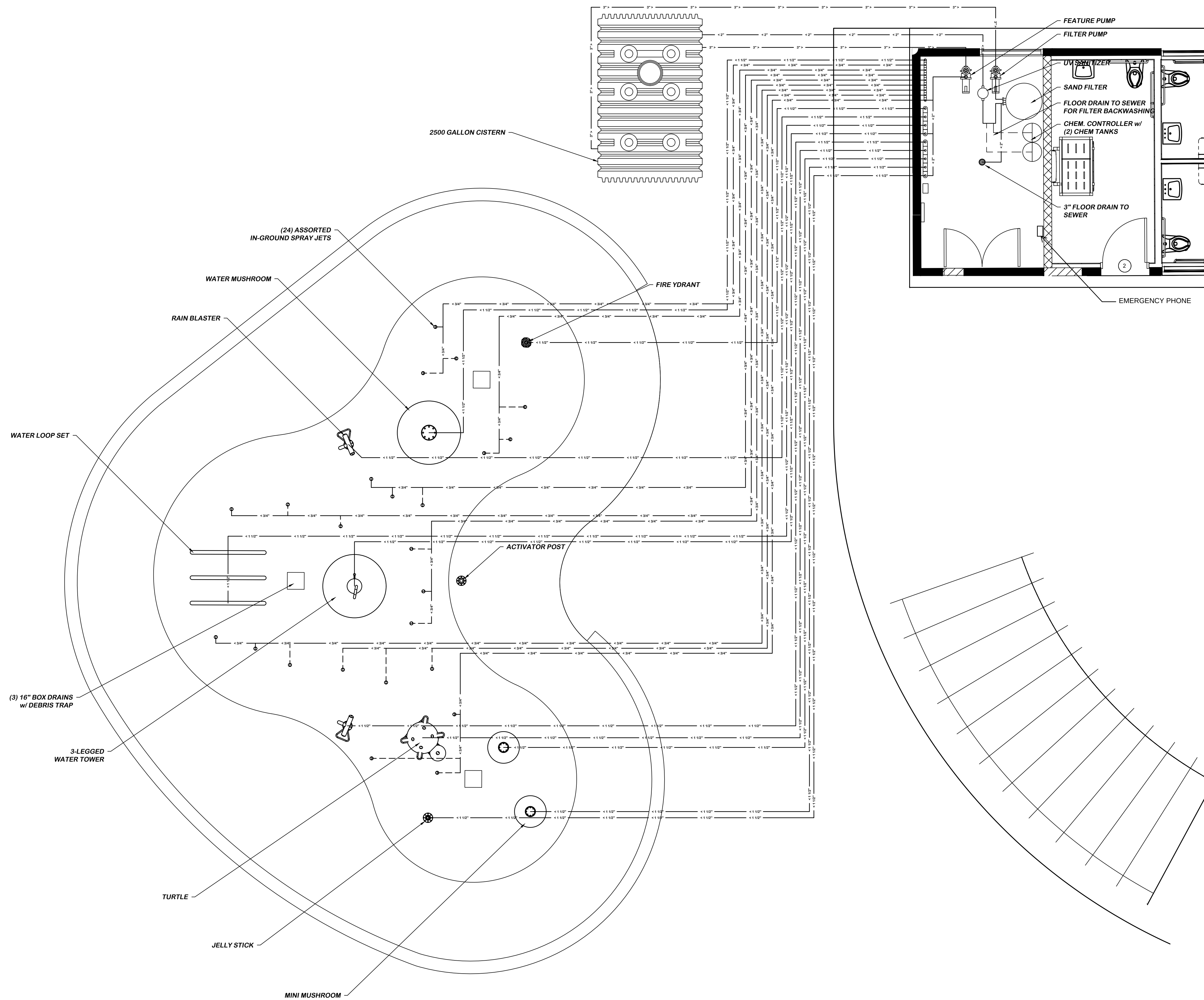
20835 S. ELLSWORTH RD
QUEEN CREEK, AZ 85142
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info@raindeck.com

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**VERDANTAS
SPLASH PAD
FEATURE LAYOUT**

SEAL
DATE

DRAWN BY RS	REVIEWED BY LB
DATE MAY, 2025	
SHEET SP1.1	
JOB NUMBER 32275	



- PLUMBING NOTES:
- PIPING AND EQUIPMENT LOCATION IS DIAGRAMMATIC. ACTUAL PLACEMENT OF PIPING AND MECHANICAL EQUIPMENT TO BE DETERMINED IN FIELD
 - SLOPE SPLASH PAD GRADING TOWARDS DRAIN AT A MAXIMUM SLOPE OF 1/4" PER 12"
 - SLOPE PERIMETER WALKWAY AWAY FROM SPLASH PAD AT A MINIMUM SLOPE OF 1/4" PER 1'-0"
 - INSTALLATION OF A BACKFLOW PREVENTER REQUIRED ON WATER SUPPLY LINE AS THE METHOD OF CROSS CONNECTION CONTROL

RAIN DECK

SPLASH PAD PRODUCT & DESIGN

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VERDANTAS
SPLASH PAD

PLUMBING LAYOUT

SCALE: 1/4"=1'-0"

SEAL

DATE

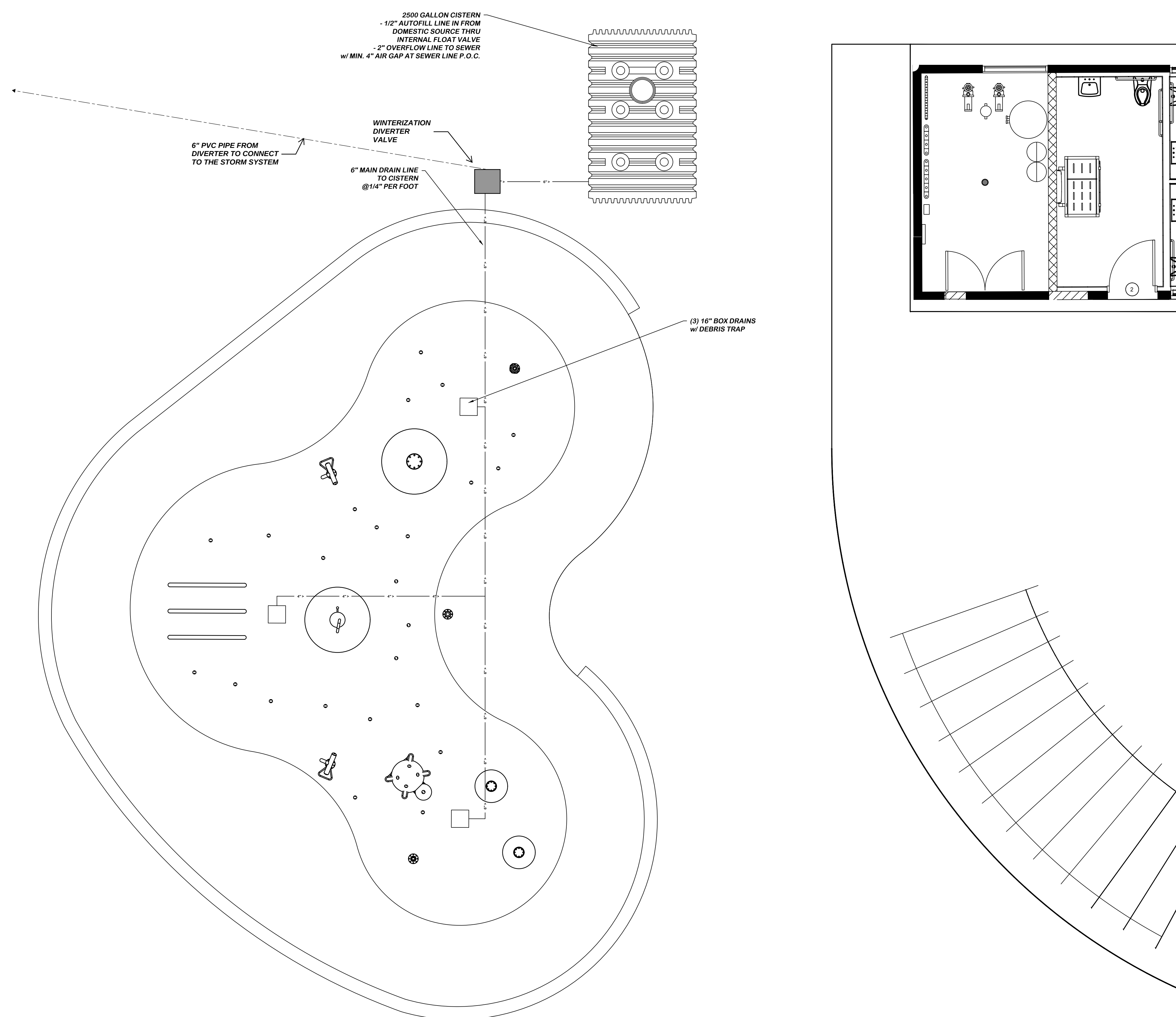
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RS

REVIEWED BY
LB

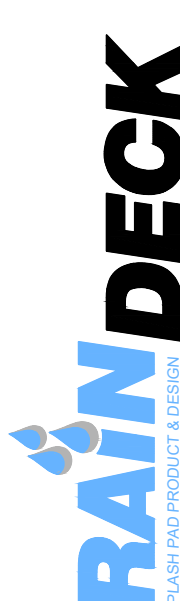
DATE
MAY, 2025

SHEET
SP1.2

JOB NUMBER
32275



- DRAINAGE NOTES:**
- DRAIN LINES SLOPE @ 1/4" PER 1'-0" TO TANK
 - SLOPE 2" OVERFLOW LINE FROM TANK TO RETENTION AREA @ 1/4" PER 1'-0"
 - MINIMUM 4" AIR GAP REQUIRED ON OVERFLOW LINE AT RETENTION AREA
 - EXPOSED END OF 2" OVERFLOW LINE TO BE HOUSED IN AN IRRIGATION BOX TO AVOID DAMAGE



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VERDANTAS
SPLASH PAD

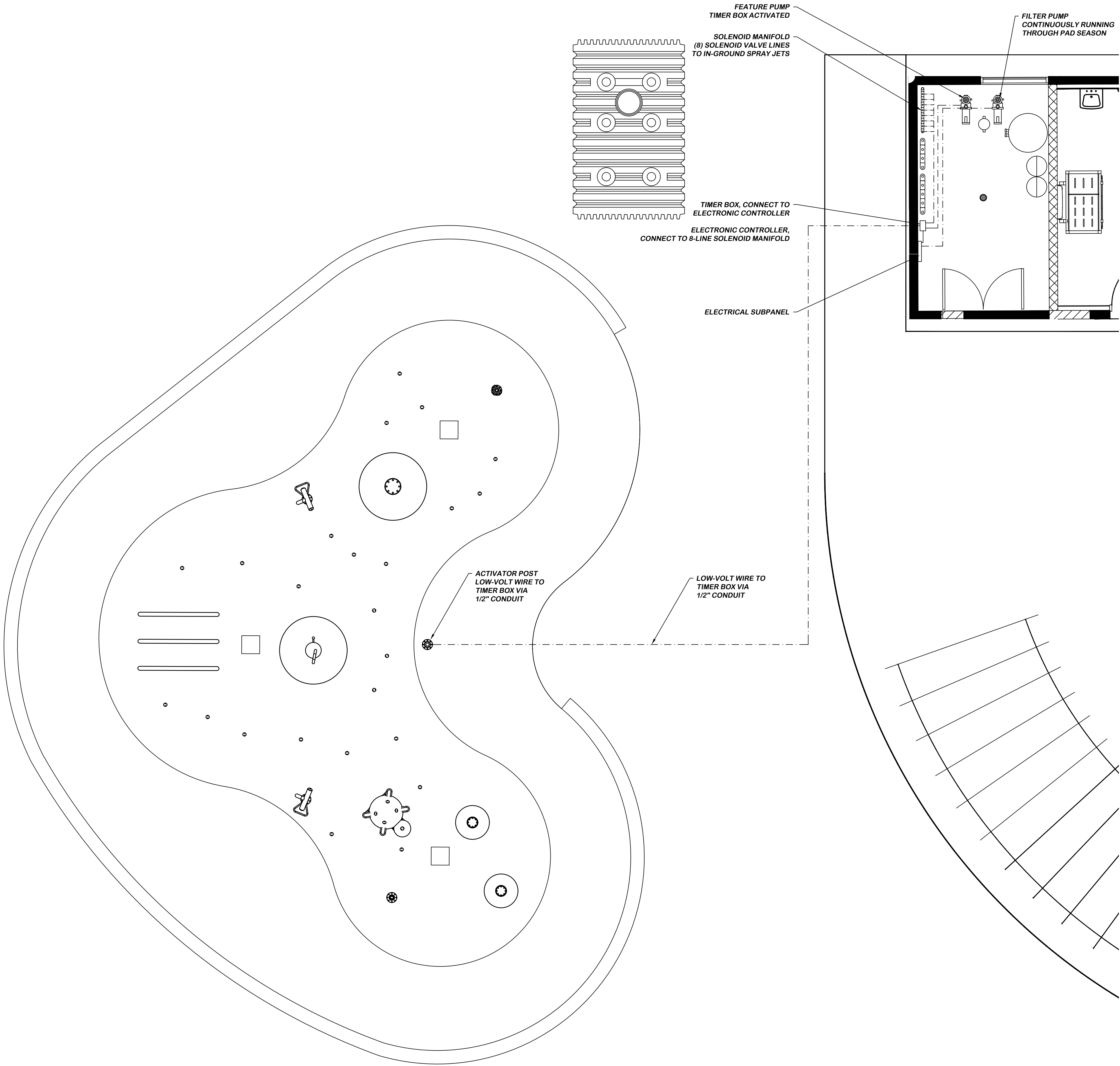
DRAINAGE LAYOUT

SCALE: 1/4"=1'-0"

SEAL

DATE

DRAWN BY	REVIEWED BY
RS	LB
DATE	MAY, 2025
SHEET	SP1.3
JOB NUMBER	32275



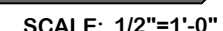
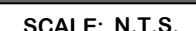
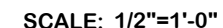
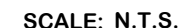
RAIN DECK
SPLASH PAD PRODUCT & DESIGN
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QUEEN CREEK, AZ 85142
Ph. 888.445.RAIN Fax. 866.869.3942
info@raindeck.com

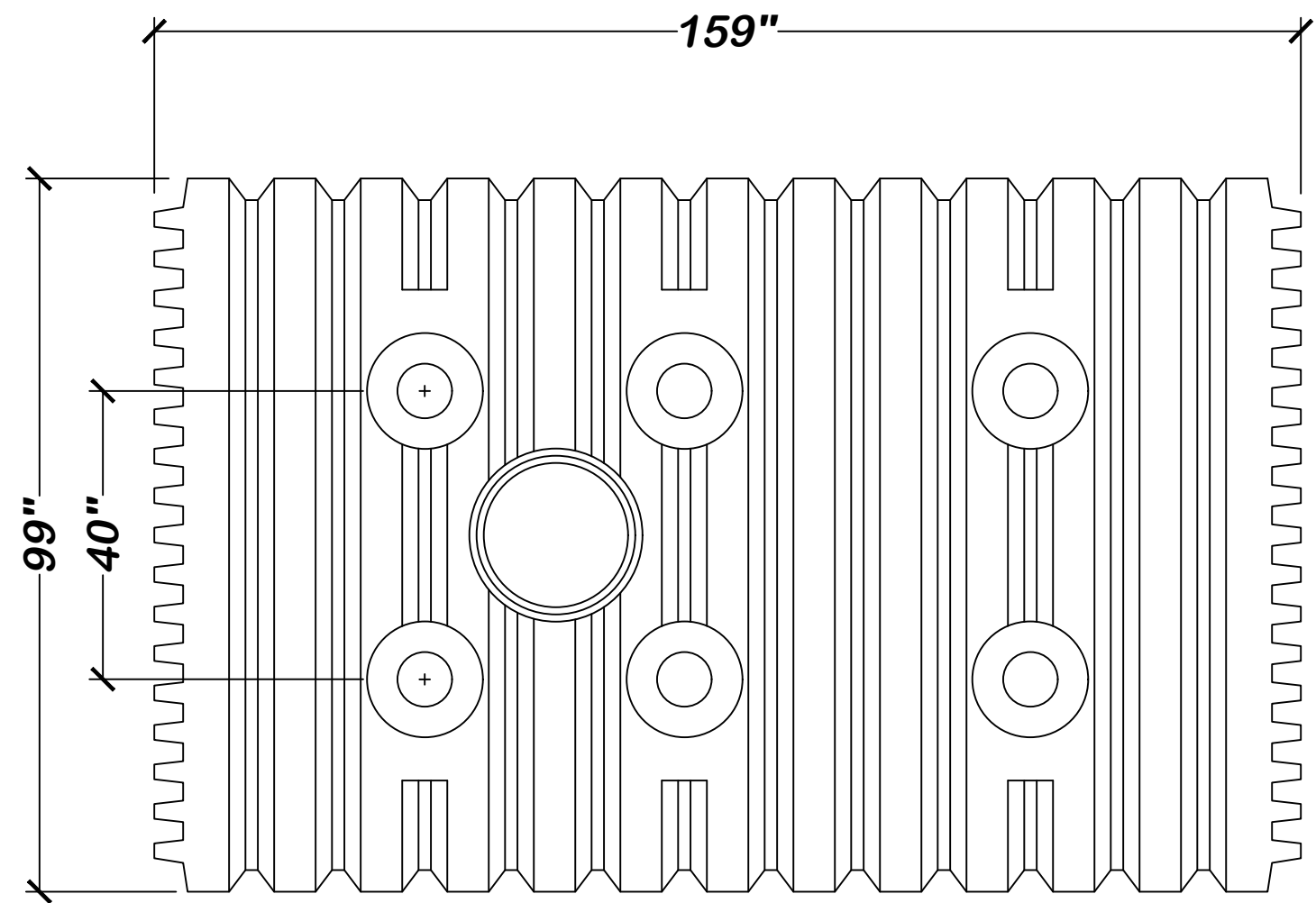
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VERDANTAS
SPLASH PAD
ELECTRICAL LAYOUT
SCALE: 1/4"=1'-0"

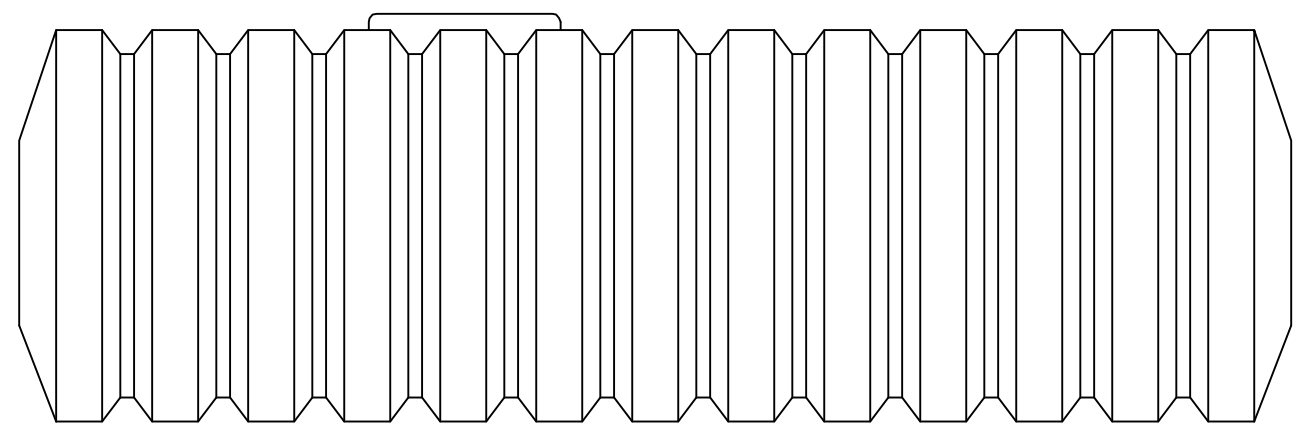
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DATE

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DATE MAY, 2025	
SHEET SP1.4	
JOB NUMBER 32275	

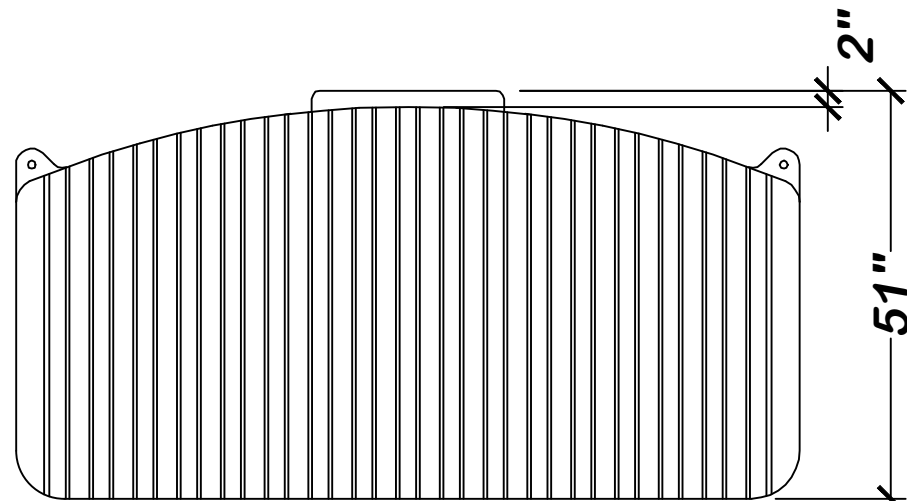




TOP VIEW



SIDE VIEW

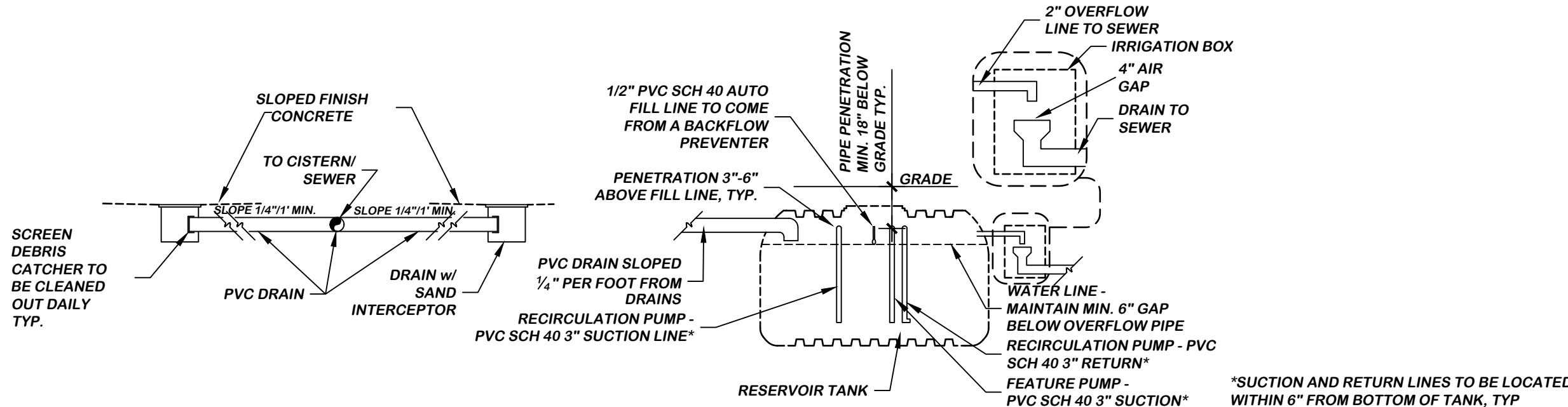


FRONT VIEW

- SPECIFICATIONS:**
- MATERIAL: POLYPROPYLENE
 - WATER CAPACITY: 2,500 GALLONS
 - NSF CERTIFIED - STANDARD 61
 -

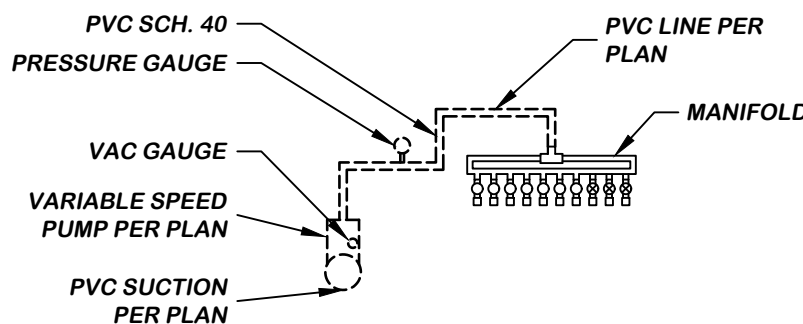
NORWESCO 2500 GALLON CISTERN

SCALE: 1/2"=1'-0"



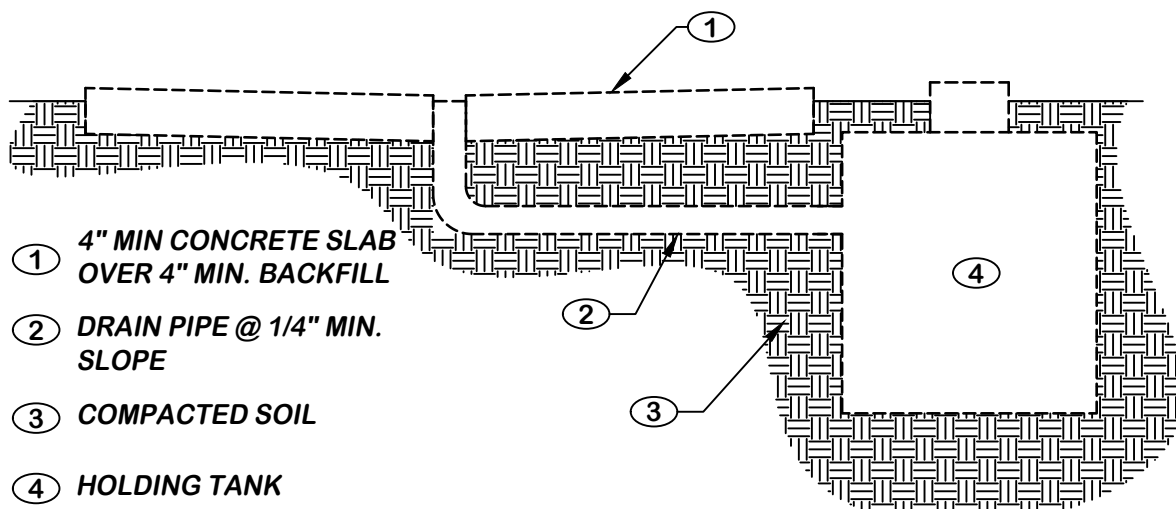
TYPICAL DRAINING SECTION

SCALE: N.T.S.



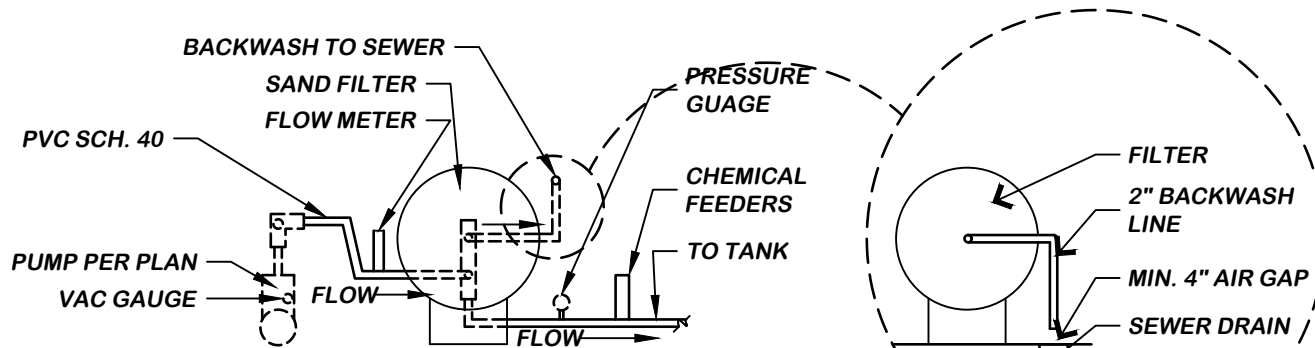
MANIFOLD CONNECTION DIAGRAM

SCALE: N.T.S.



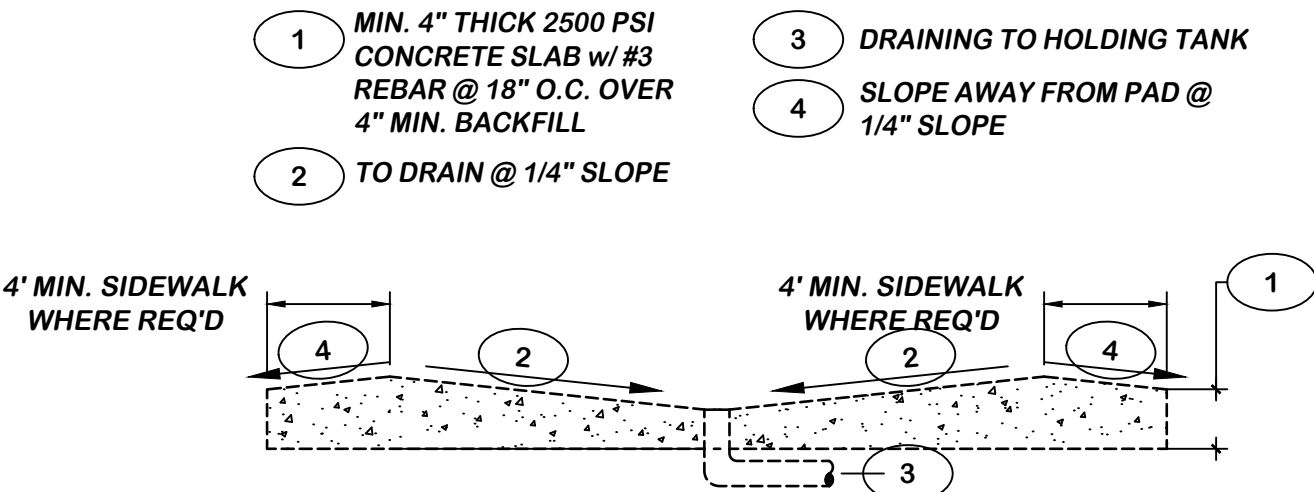
DRAINAGE TO HOLDING TANK SECTION

SCALE: N.T.S.



FILTER DIAGRAM

SCALE: N.T.S.



TYPICAL SPLASH PAD SECTION

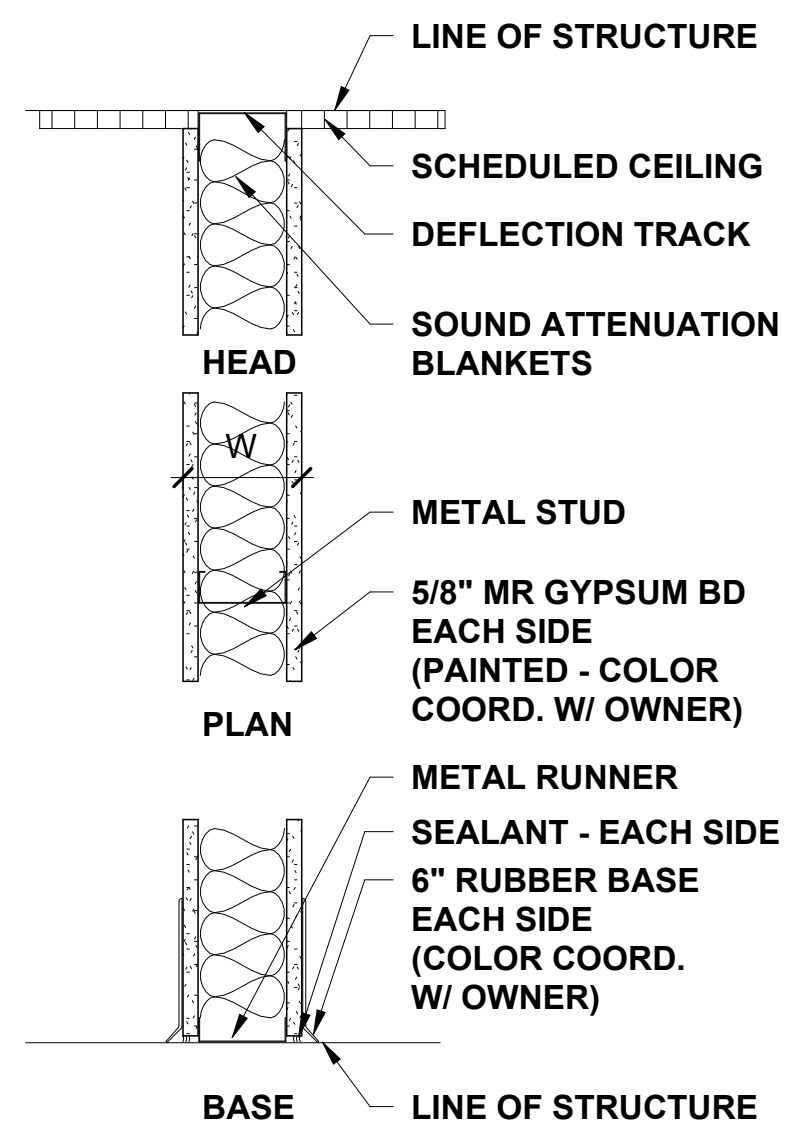
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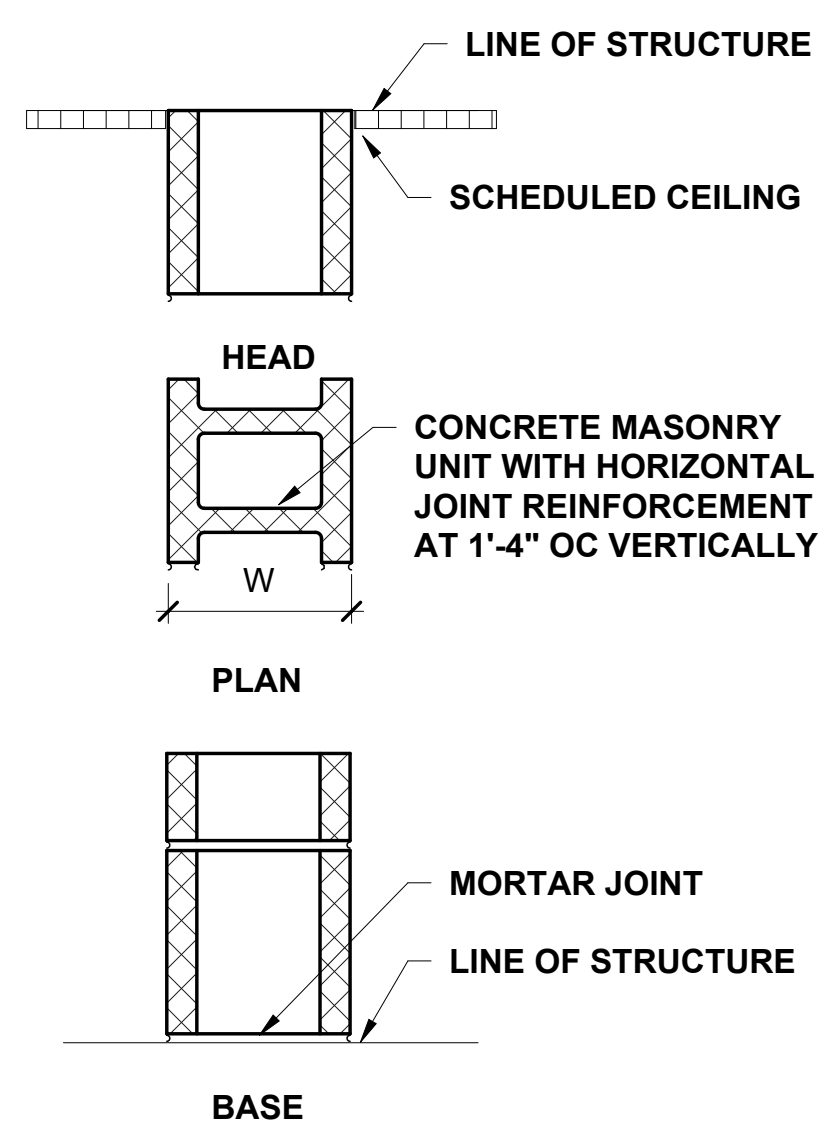
VERDANTAS
SPLASH PAD
DETAILS & SPECS
SCALE: AS NOTED

SEAL
DATE

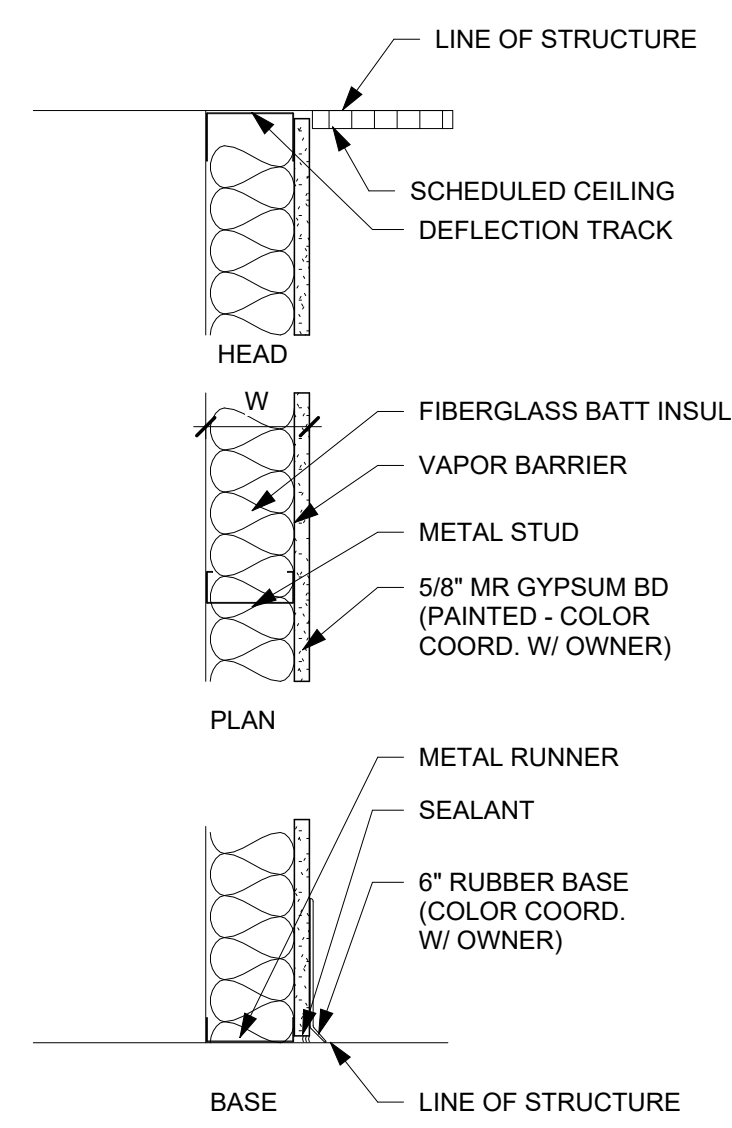
DRAWN BY RS	REVIEWED BY LB
DATE MAY, 2025	
SHEET SP2.3	
JOB NUMBER 32275	



A2F W= 3 3/4"
A3F W= 4 7/8"
A6F W= 7 1/4"



C2.4 W= 3 5/8"



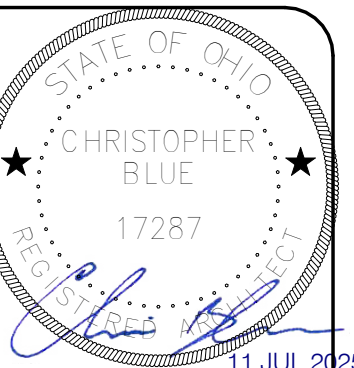
D1F W= 2 1/4"
D2F W= 3 1/8"
D3F W= 4 1/4"

PARTITION NOTES

- A. "LINE OF STRUCTURE" AND "SCHEDULED CEILING" INDICATED ON PARTITION TYPES ARE DIAGRAMATIC AND DO NOT INDICATE EXACT CONSTRUCTION CONDITIONS
- B. PROVIDE MOISTURE-RESISTANT GYP BOARD AT ALL RESTROOM WALLS & CEILINGS
- C. NON-RATED PARTITIONS AND SMOKE PARTITIONS TO USE ACOUSTICAL SEALANT
- D. FOR PARTITIONS TO RECEIVE SOUND ATTENUATION INSULATION, EXTEND INSULATION FULL HEIGHT OF PARTITION UNLESS INDICATED OTHERWISE. FLOOR TRACK TO BE SET IN CONTINUOUS BEAD OF SEALANT
- E. FOR NON-RATED PARTITIONS TO RECEIVE SOUND ATTENUATION, USE SOUND ATTENUATION BLANKETS (SAB)
- F. FOR FIRE RESISTANT RATED PARTITIONS INDICATED TO RECEIVE SOUND ATTENUATION, USE MINERAL WOOL SOUND ATTENUATION FIRE BLANKETS (SAFB)
- G. PROVIDE FULL THICKNESS OF INSULATION IN ALL STUD BOX BEAMS AND HEADERS
- H. PROVIDE BLOCKING PARTITIONS FOR ALL WALL SUPPORTED ITEMS. COORDINATE WITH OWNER FOR TYPE, SIZE, AND LOCATION REQUIREMENTS OF OWNER FURNISHED ITEMS
- I. CLEAN INSIDE OF ALL STUD CAVITIES BEFORE ENCLOSING WALL
- J. PROVIDE LINTELS AT ALL MASONRY OPENINGS, AND AT HEAD OF DOORS, WINDOWS, ALUMINUM STOREFRONT, ETC.
- K. UNLESS NOTED OTHERWISE, PROVIDE SCHEDULE BELOW, ALL METAL STUDS TO BE 33 MIL (20 GA.) STUDS AT 24" O.C. BRACE THE WALL HEIGHT STUD FROM 17'-0" ABOVE FINISHED FLOOR BACK TO STRUCTURE ABOVE EVERY 48".

INTERIOR PARTITION METAL FRAMING LIMITING HEIGHTS
HEIGHTS LISTED BELOW ARE FOR UNBRACED LENGTHS

- FOR 3-5/8" METAL STUDS PROVIDE THE FOLLOWING:
- UP TO 10'-0" HIGH UTILIZE 18 MIL (25 GAUGE) STUDS @ 24" O.C.
 - BETWEEN 10'-0" HIGH AND 15'-0" HIGH UTILIZE 33 MIL (20 GAUGE) STUDS @ 24" O.C.
 - BETWEEN 15'-0" HIGH AND 20'-0" HIGH UTILIZE 54 MIL (16 GAUGE) STUDS @ 24" O.C.
- FOR 6" METAL STUDS PROVIDE THE FOLLOWING:
- UP TO 20'-0" HIGH UTILIZE 30 MIL (20 GAUGE DRYWALL) STUDS @ 24" O.C.
 - BETWEEN 20'-0" HIGH AND 30'-0" HIGH UTILIZE 54 MIL (16 GAUGE) STUDS @ 24" O.C.
- FOR 8" METAL STUDS PROVIDE THE FOLLOWING:
- UP TO 30'-0" HIGH UTILIZE 43 MIL (18 GAUGE) STUDS @ 24" O.C.
 - BETWEEN 30'-0" HIGH AND 40'-0" HIGH UTILIZE 54 MIL (16 GAUGE) STUDS @ 24" O.C.
- FOR PARTITIONS WITH TILE PROVIDE THE FOLLOWING:
- 33 MIL (20 GAUGE) STUDS @ 16" O.C.



Christopher S. Blue, License #17287
Expiration Date 12/31/2025

verdantas

DATE:	7/14/25	REV	REVISIONS	DATE	BY
DRAWN BY:	VK				
CHECKED BY:	CB				
APPROVED BY:					
F.B. NO.:	PG.:				

WALL TYPE A_F

A0.02 $1\frac{1}{2}'' = 1'-0''$

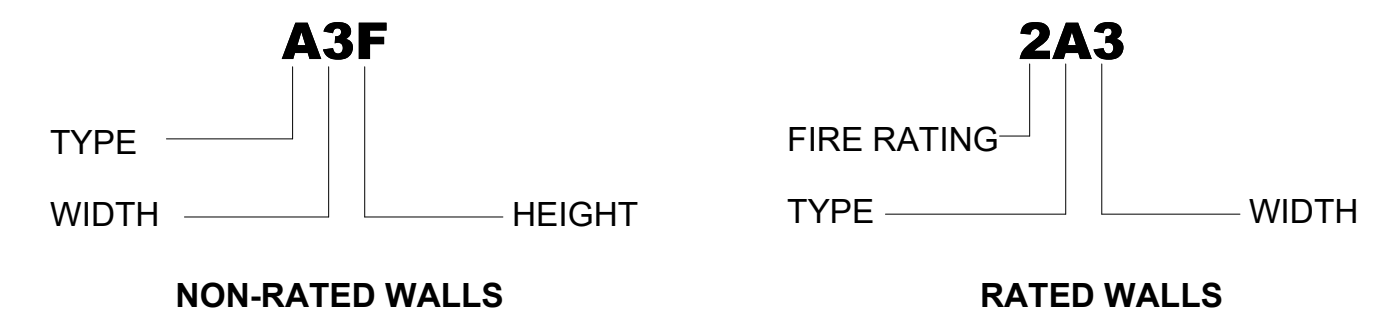
WALL TYPE C

A0.02 $1\frac{1}{2}'' = 1'-0''$

WALL TYPE D_F

A0.02 $1\frac{1}{2}" = 1'-0"$

PARTITION TYPE LEGEND



WIDTH		HEIGHT	
1	1 5/8" METAL STUD	F	FULL HEIGHT TO STRUCTURE ABOVE
2	2 1/2" METAL STUD	C	4" ABOVE FINISH CEILING
3	3 5/8" METAL STUD	P	PARTIAL HEIGHT AS INDICATED
4	4" METAL STUD, 4" CMU		
6	6" METAL STUD, 6" CMU		
		FIRE RATING	
7	7/8" METAL HAT CHANNELS	1	1 HOUR
8	8" CMU	2	2 HOUR

JEFFERSON COMMUNITY PARK IMPROVEMENTS VILLAGE OF JEFFERSON 262 E JEFFERSON ST
PARTITION TYPES

SCALE:	As indicated
CONTRACT NO:	242425
SHEET	A0.02

DEMOLITION LEGEND

- TO BE DEMOLISHED
- EXISTING TO REMAIN

NOTE: BRICK REMOVED DURING DEMOLITION TO BE SLAVAGED FOR INFILL WHEREVER POSSIBLE



Christopher S. Blue, License #17287
Expiration Date 12/31/2025

verdantas

FLOOR PLAN LEGEND

NOTE: ALL DIMENSIONS TO FINISHED FACE

- NEW STUD WALL (SEE WALL TYPES)
- NEW MASONRY WALL (SEE WALL TYPES)
- EXISTING TO REMAIN
- CONCRETE SLAB ON GRADE

RCP GENERAL NOTES

- A. ALL CEILINGS SHALL BE TO UNDER-SIDE OF ROOF STRUCTURE UNLESS INDICATED OTHERWISE
- B. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR UN-IDENTIFIED CEILING TYPES OR HEIGHTS PRIOR TO PROCEEDING WITH THE WORK
- C. WHERE MINOR DISCREPANCIES OCCUR BETWEEN MECHANICAL OR ELECTRICAL DRAWINGS AND THE ARCHITECTURAL CEILING PLAN, THE ARCHITECTURAL PLAN SHALL GOVERN. IN THE CASE OF MAJOR DISCREPANCIES, THE ARCHITECT SHALL BE NOTIFIED AS SOON AS THE DISCREPANCY IS DISCOVERED PRIOR TO PROCEEDING WITH THE WORK.
- D. REFERENCE MECHANICAL AND ELECTRICAL DRAWINGS FOR MOUNTING LOCATIONS OF ITEMS IN SPACES WHERE NO CEILING IS INDICATED
- E. ANY NON-DIMENSIONED, LIGHT FIXTURES, AND OTHER CEILING DEVICES LOCATED IN GYPSUM BOARD CEILINGS SHALL BE DIMENSIONED AND COORDINATED PRIOR TO CONSTRUCTION
- F. REFERENCE MEP DRAWINGS AND SPECIFICATIONS FOR ACCESS PANELS IN GYPSUM BOARD CEILINGS NOT INDICATED ON THE CEILING PLANS

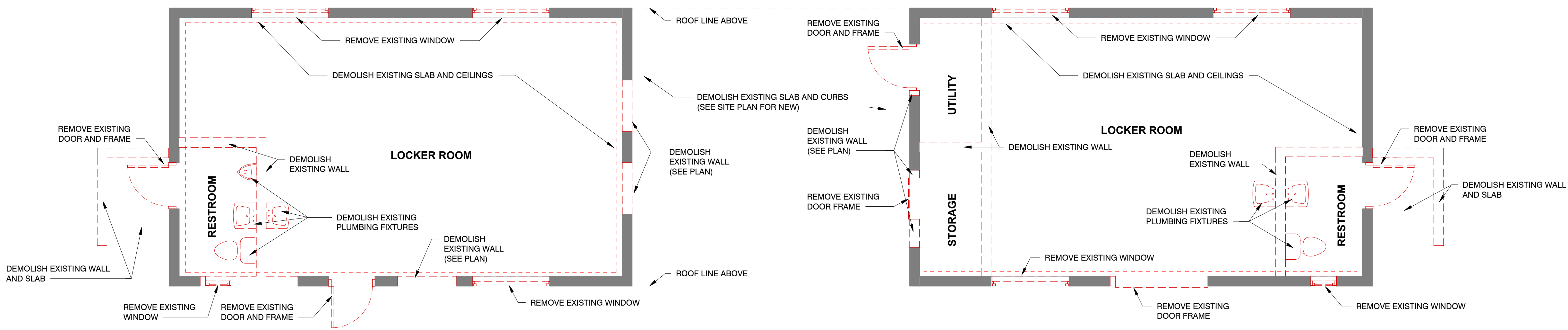
RCP LEGEND

SEE MECHANICAL, ELECTRICAL, AND FIRE PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

- EXISTING CEILING TO BE PAINTED
- GYPSUM BOARD CEILING, SOFFIT, OR BULKHEAD.
- SURFACE-MOUNT FIXTURE
- SUPPLY AIR DIFFUSER.
- RETURN AIR DIFFUSER OR EXHAUST FAN.

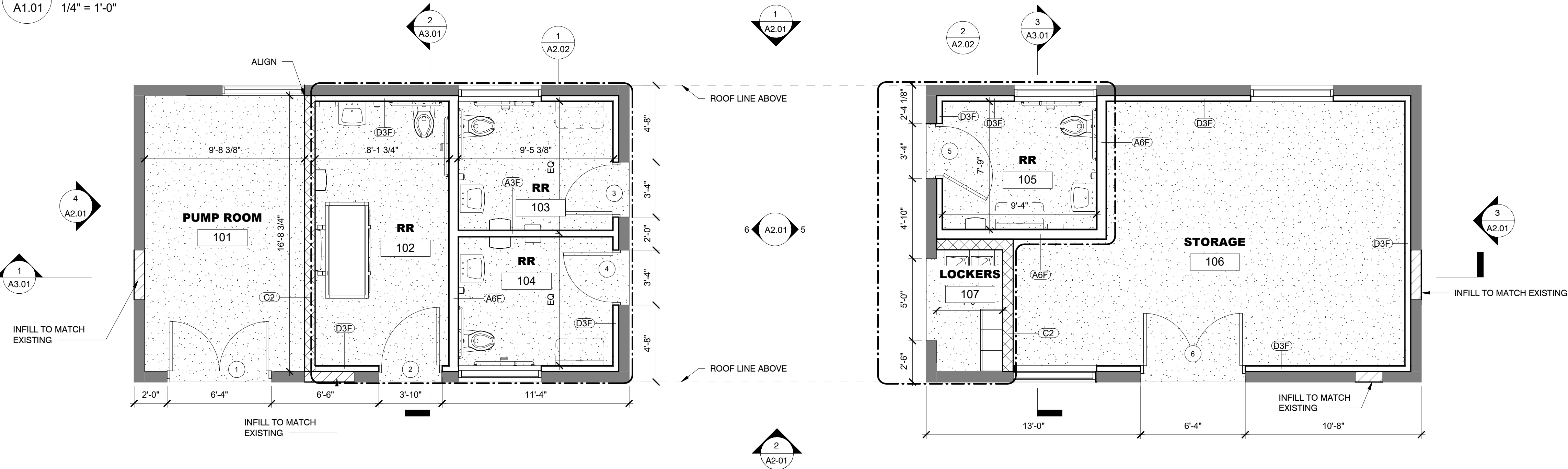
1 DEMOLITION PLAN

A1.01 1/4" = 1'-0"



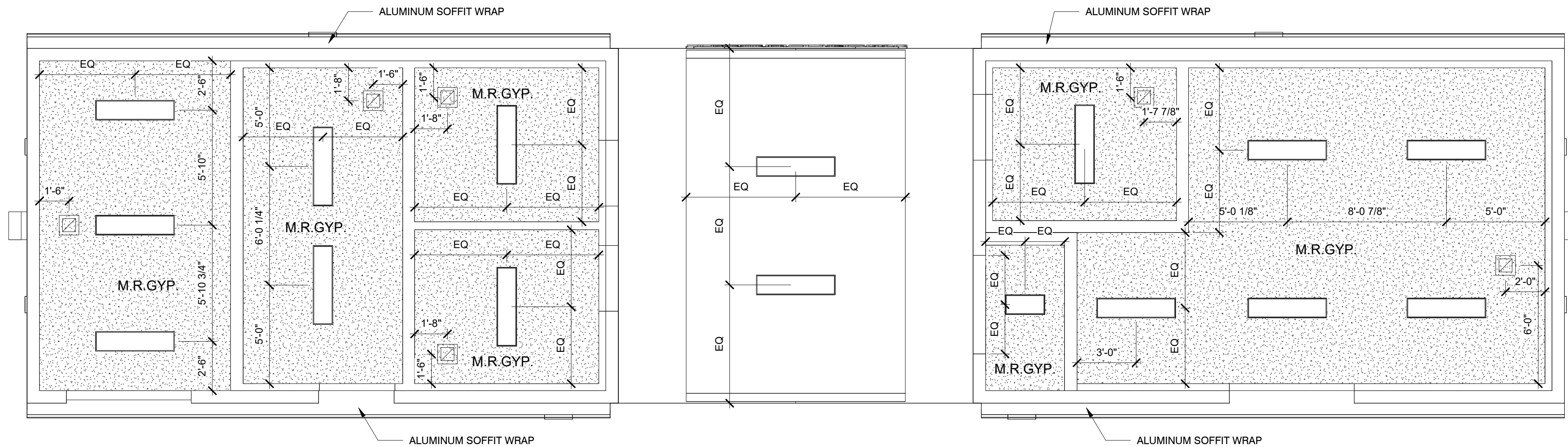
2 FLOOR PLAN

A1.01 1/4" = 1'-0"



3 REFLECTED CEILING PLAN

A1.01 1/4" = 1'-0"

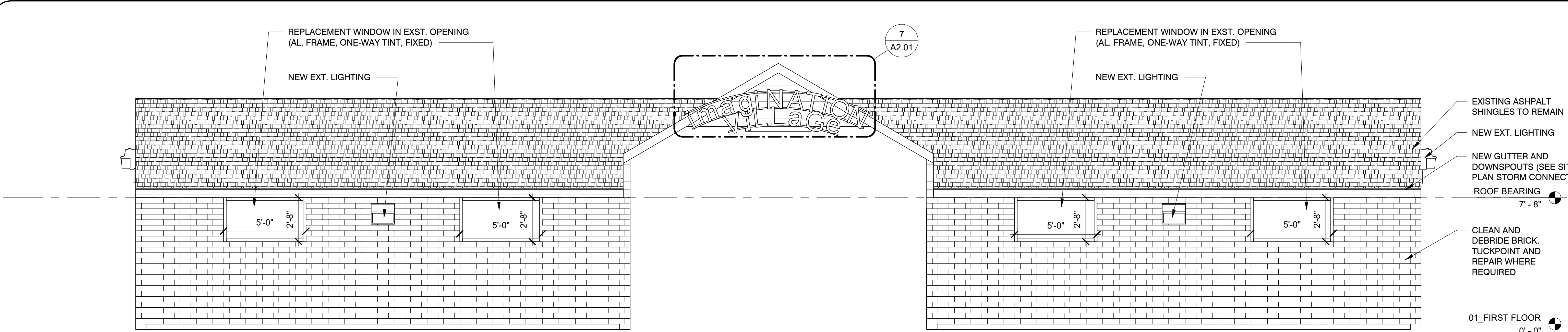


JEFFERSON COMMUNITY PARK IMPROVEMENTS

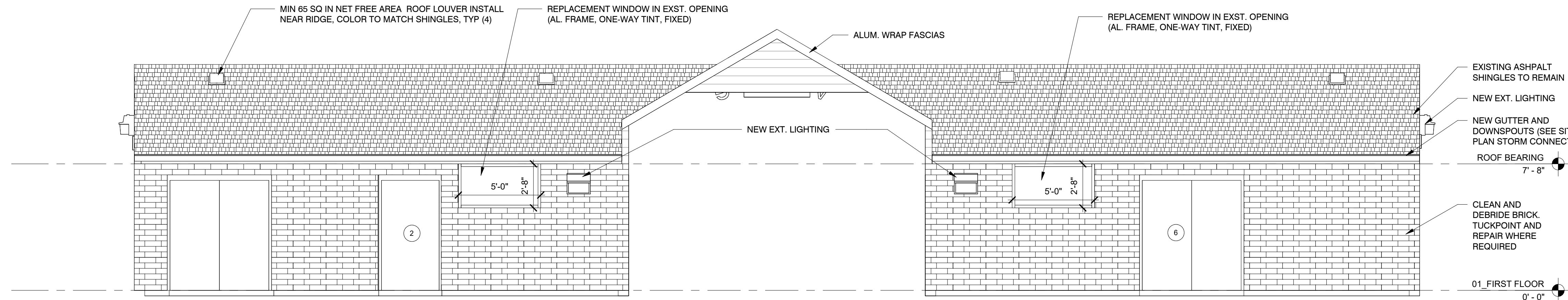
VILLAGE OF JEFFERSON
262 E JEFFERSON ST

FLOOR PLANS

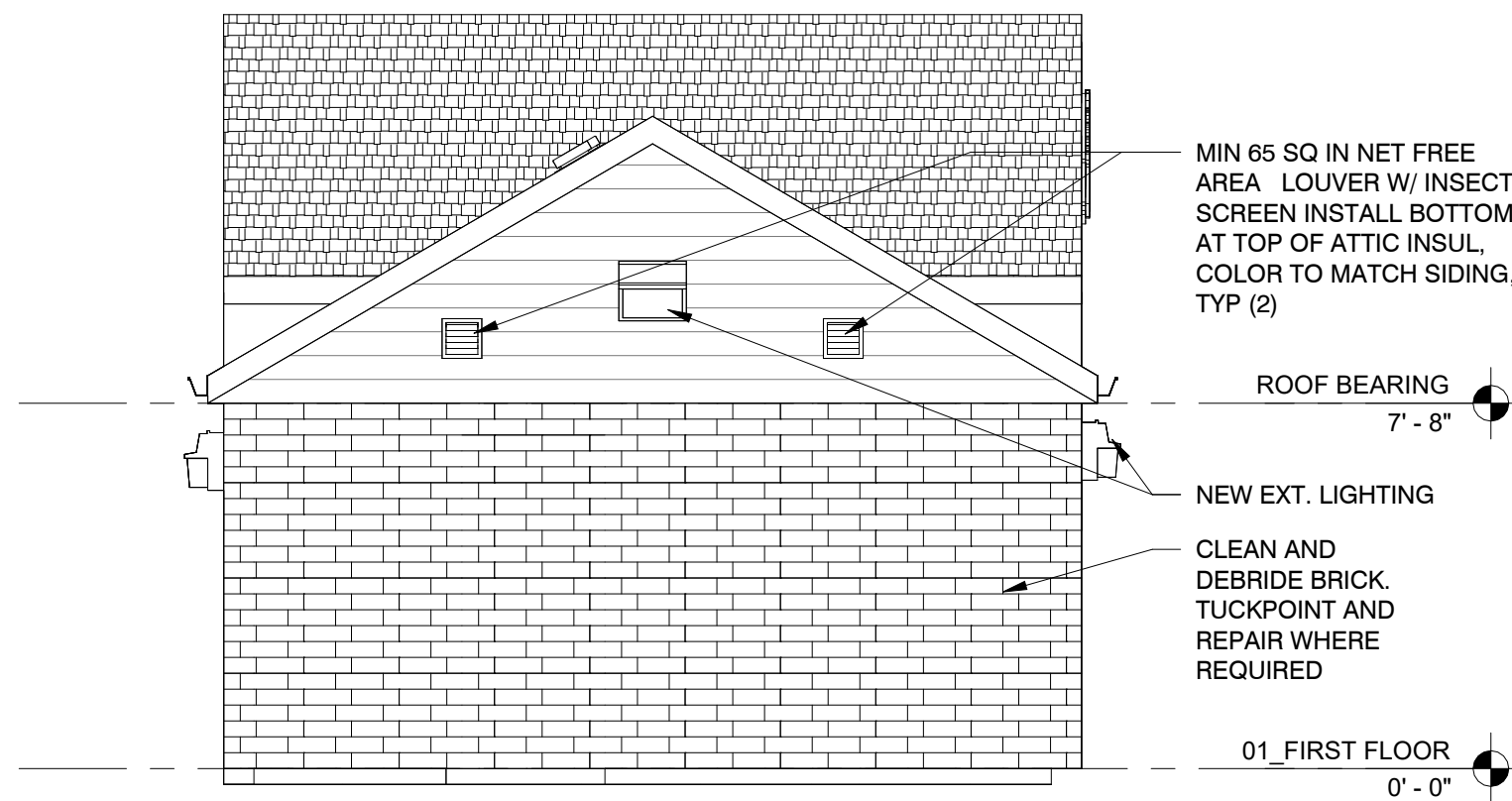
SCALE:	As indicated
CONTRACT NO:	242425
SHEET	A1.01



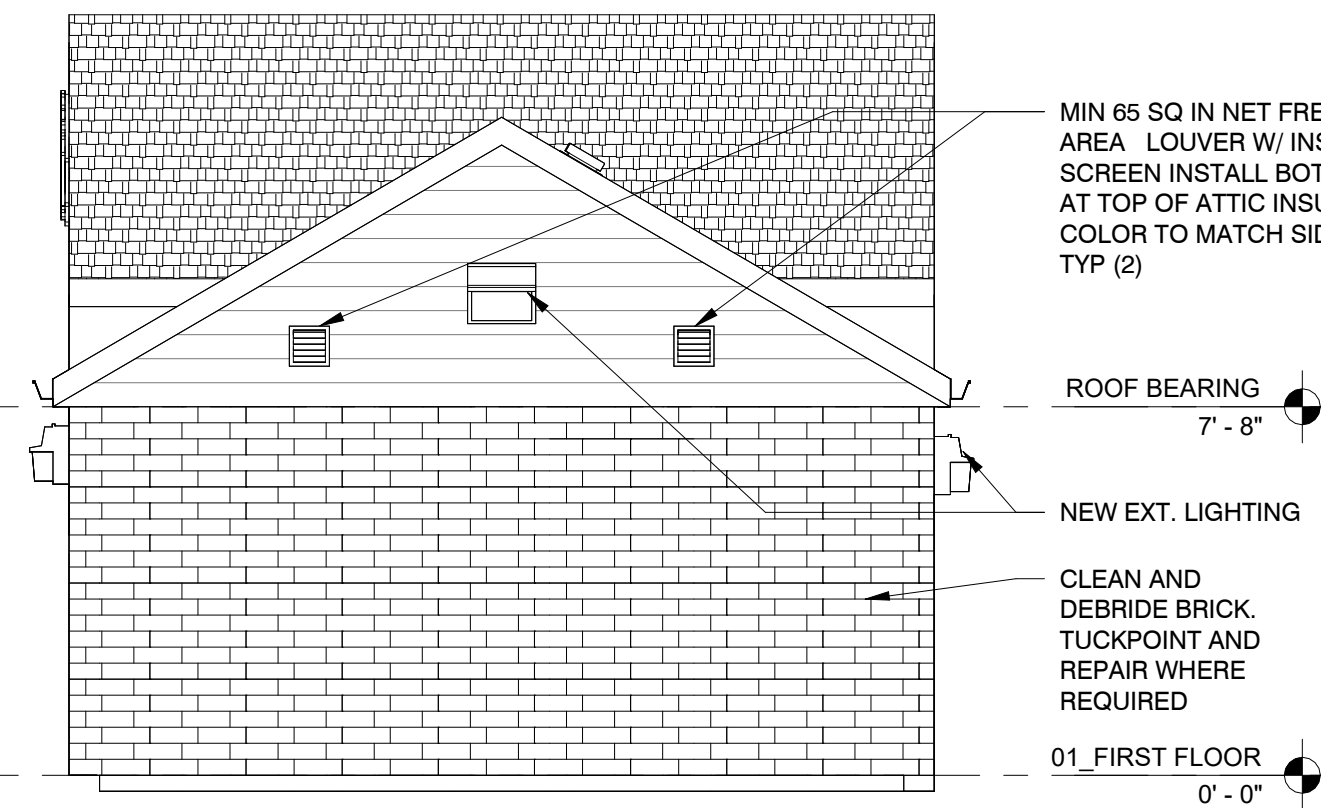
1 **NORTH ELEVATION**
A2.01 1/4" = 1'-0"



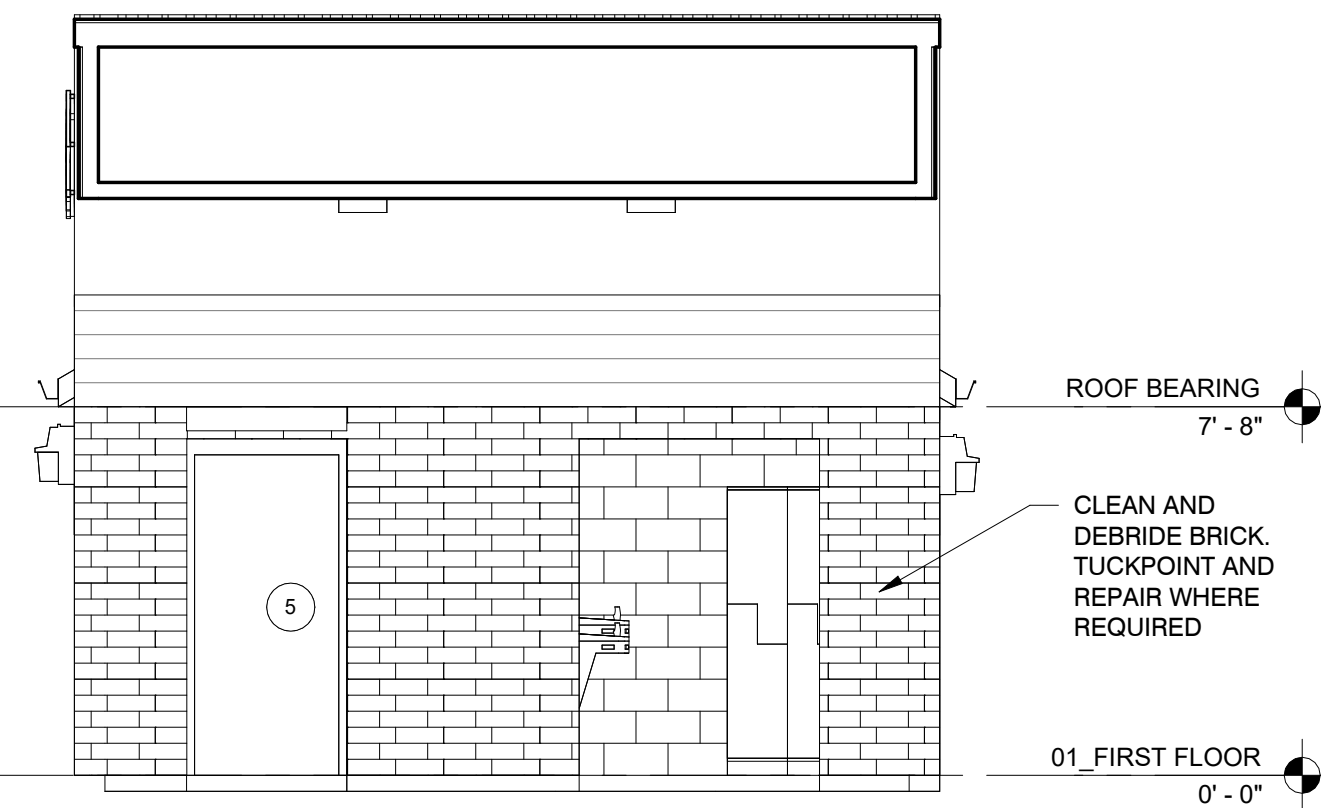
2 **SOUTH ELEVATION**
A2.01 1/4" = 1'-0"



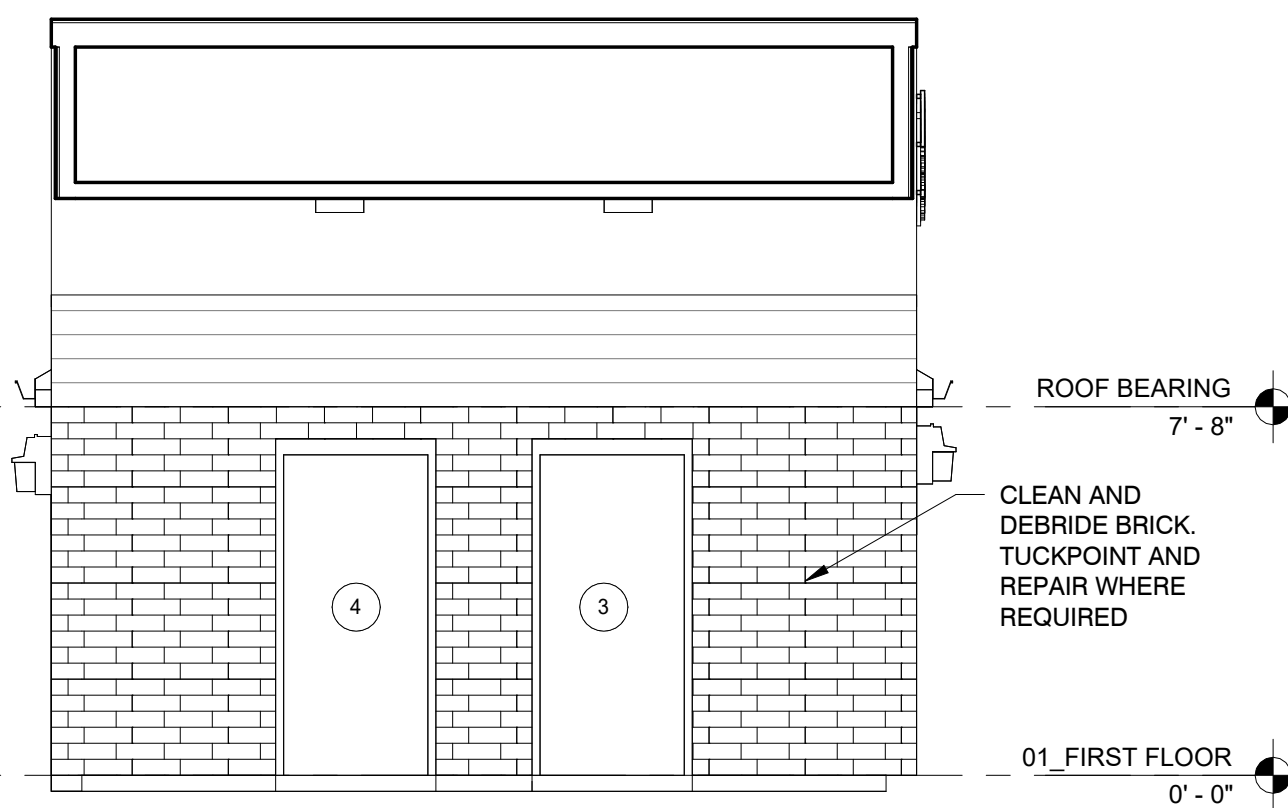
3 **EAST ELEVATION**
A2.01 1/4" = 1'-0"



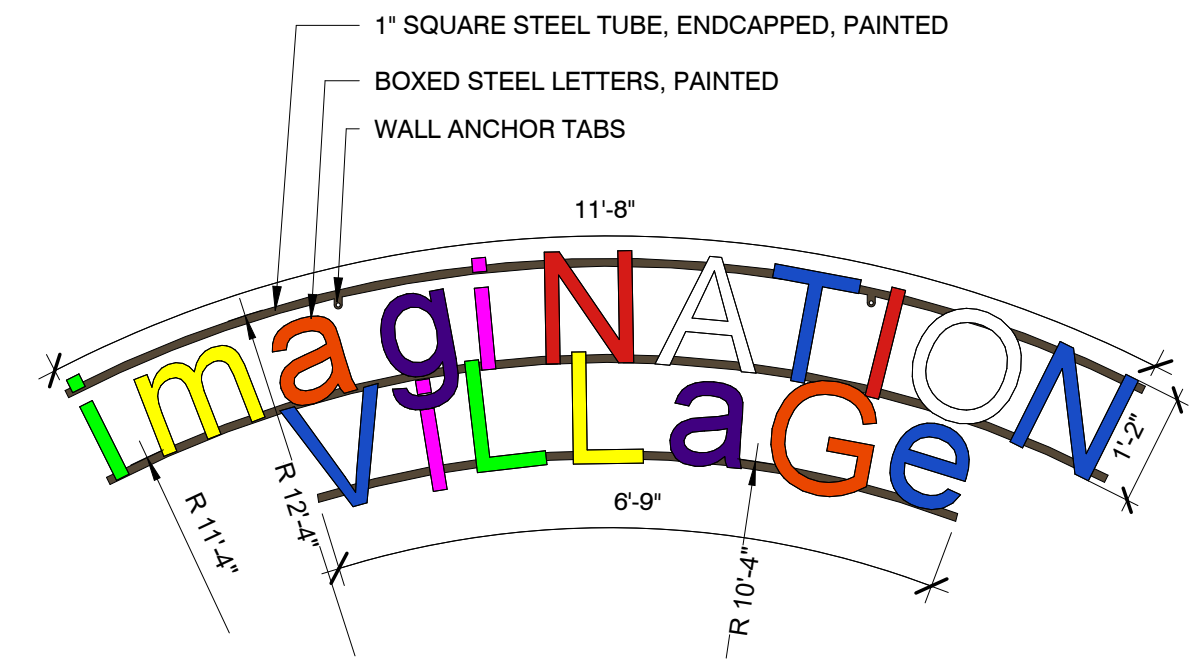
4 **WEST ELEVATION**
A2.01 1/4" = 1'-0"



5 **INTERIOR EAST ELEVATION**
A2.01 1/4" = 1'-0"

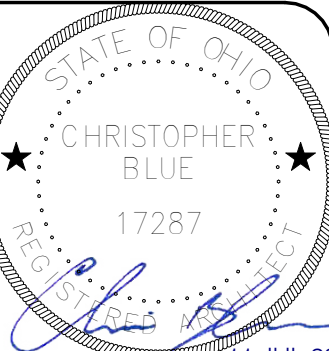


6 **INTERIOR WEST ELEVATION**
A2.01 1/4" = 1'-0"



7 **ENTRY SIGN**
A2.01 1/2" = 1'-0"

NOTE: SIGN DESIGN IS FOR DEMONSTRATION OF INTENT AND LOCATION. FINAL DESIGN, FABRICATION, AND FINISHES AND SUBMITTALS TO BE COORDINATED BETWEEN CONTRACTOR, FABRICATOR, AND OWNER



Christopher S. Blue, License #17287
Expiration Date 12/31/2025

verdantas

JEFFERSON COMMUNITY PARK IMPROVEMENTS

VILLAGE OF JEFFERSON
262 E JEFFERSON ST

EXTERIOR ELEVATIONS

SCALE:	As indicated
CONTRACT NO:	242425
SHEET	A2.01

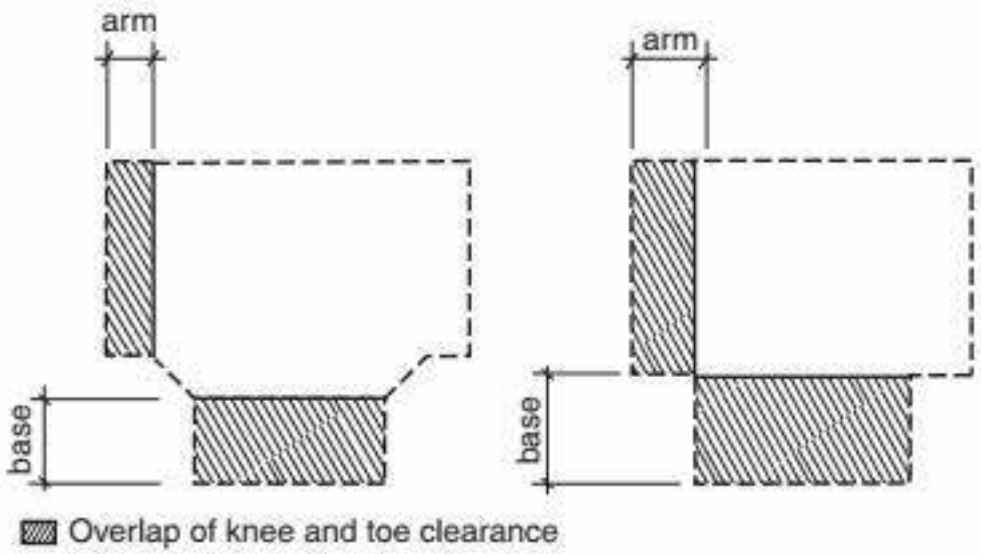


FIGURE 304.3.2.1.1 T-SHAPED TURNING SPACE NEW BUILDINGS OVERLAP
TURNING SPACES SHALL BE PERMITTED TO INCLUDE KNEE AND TOE
CLEARANCE COMPLYING WITH SECTION 306 OF EITHER THE BASE OR ONE ARM

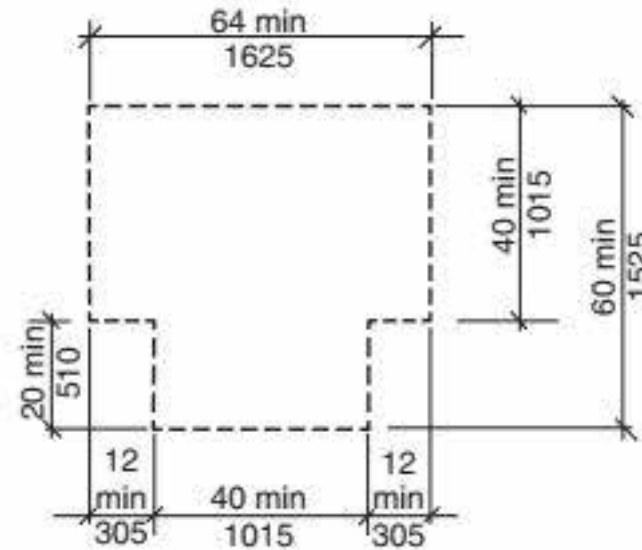
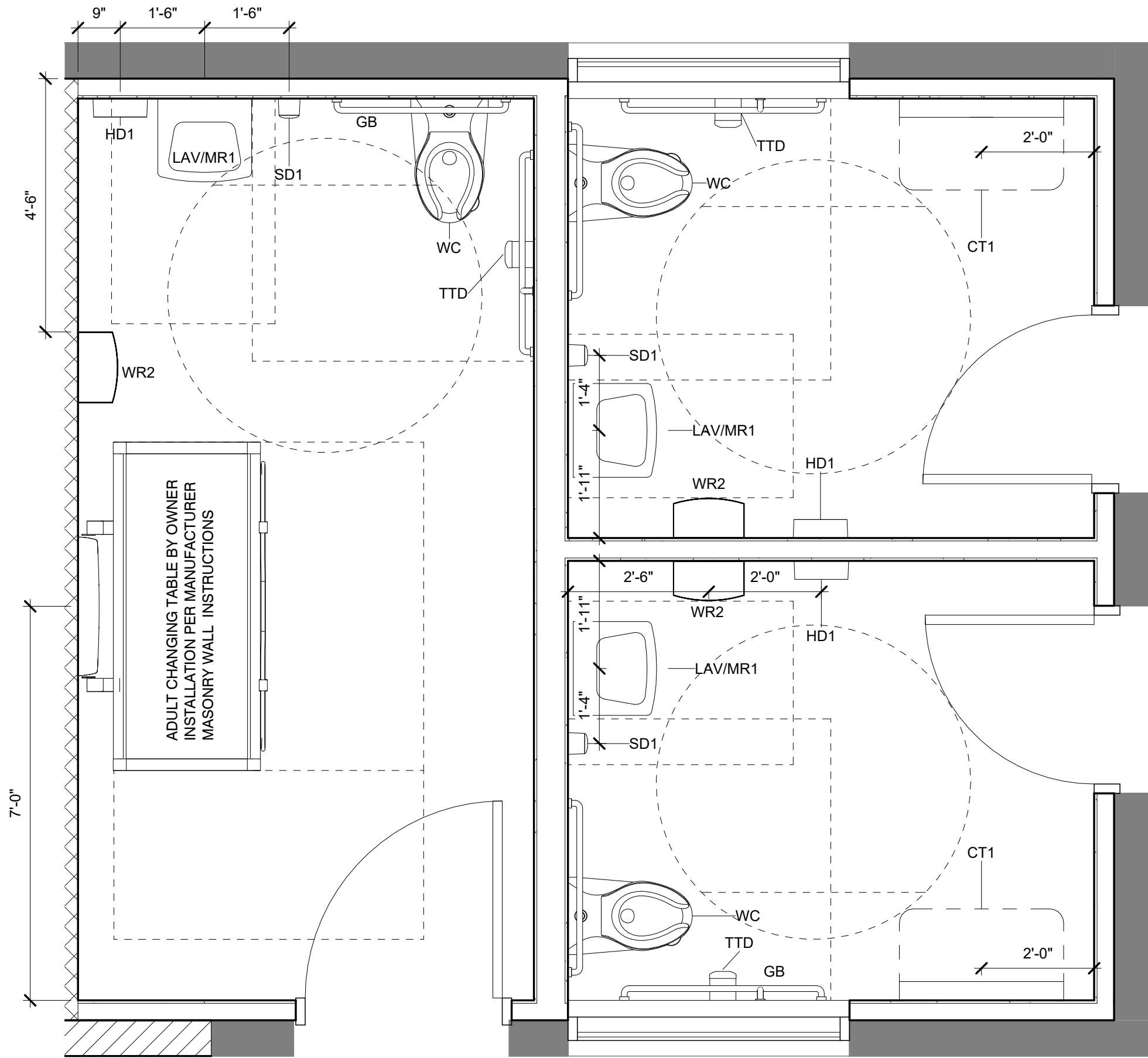
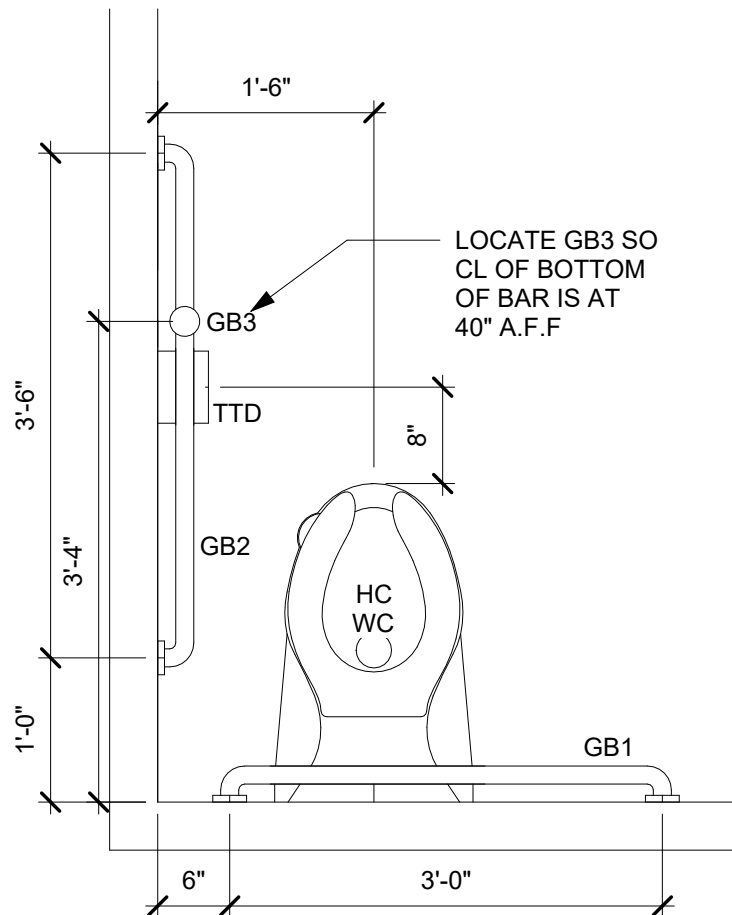


FIGURE 304.3.2.1(C) T-SHAPED TURNING SPACE NEW BUILDINGS - OP.3

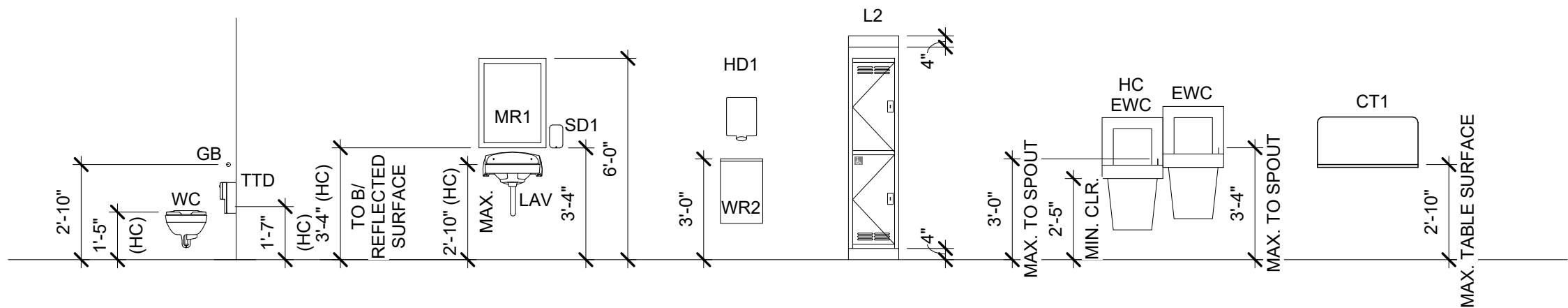


1
A2.02 ENLARGED PLAN
1/2" = 1'-0"

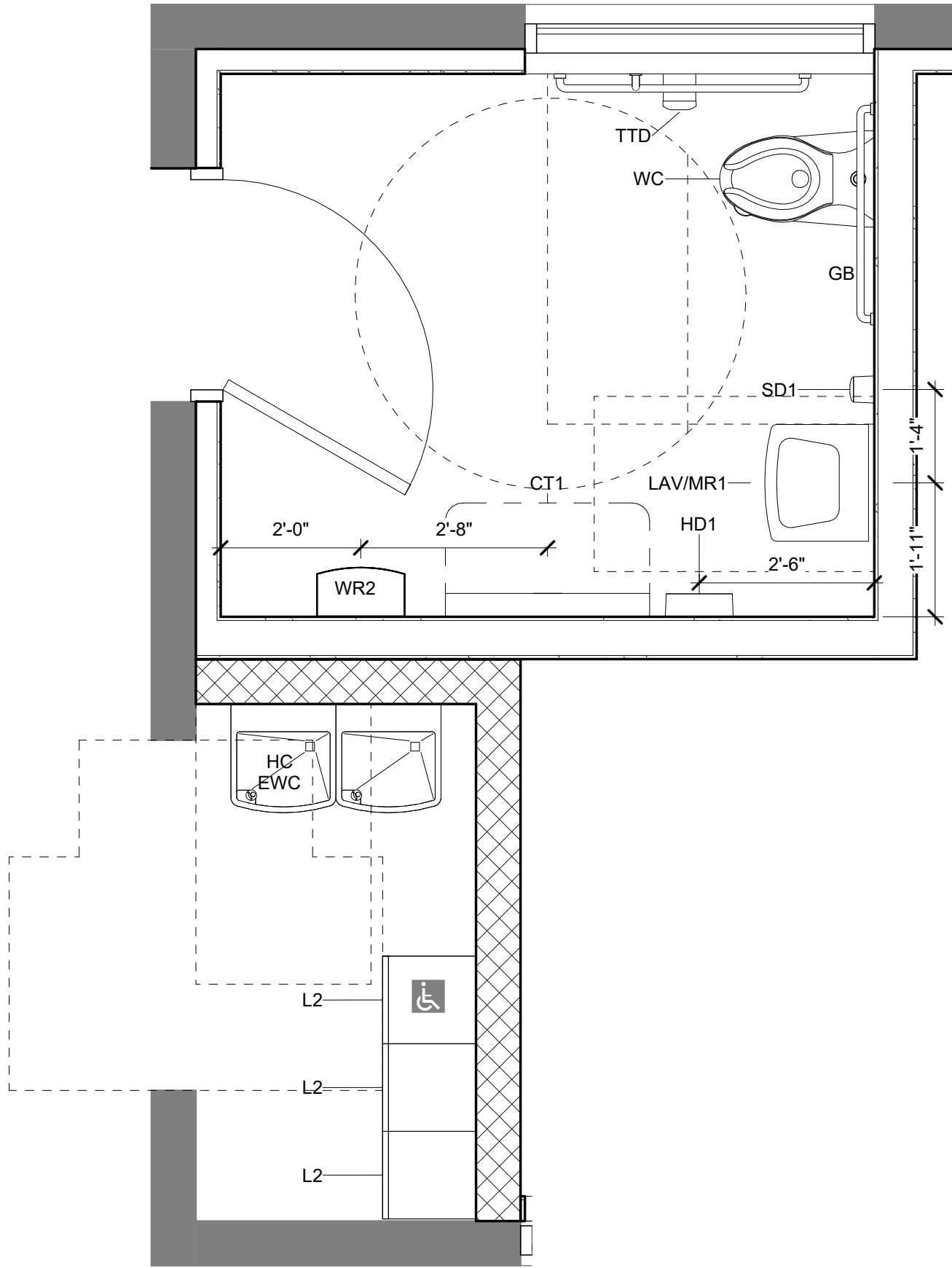


9
A2.02 TYP. WATER CLOSET LAYOUT
3/4" = 1'-0"

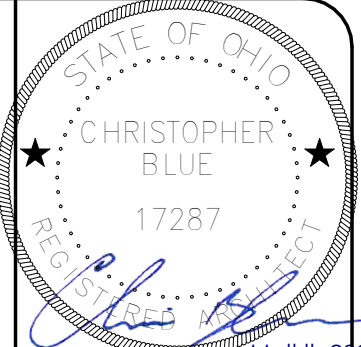
NOTE: BABY CHANGING
STATION, METAL
STUDS AT UNIT TO BE FULLY
REINFORCED WITH WOOD
STUDS THAT ARE SECURED
TO THE TOP OF THE WALL
AND THE FOOR AND FACED
WITH 14 GA CONTINUOUS
STEEL PLATE 12" EACH SIDE
OF CENTERLINE ON UNIT
MOUNTING BRACKET)



10
A2.02 TYP. FIXTURE MOUNTING HEIGHTS
1/4" = 1'-0"



2
A2.02 ENLARGED PLAN
1/2" = 1'-0"



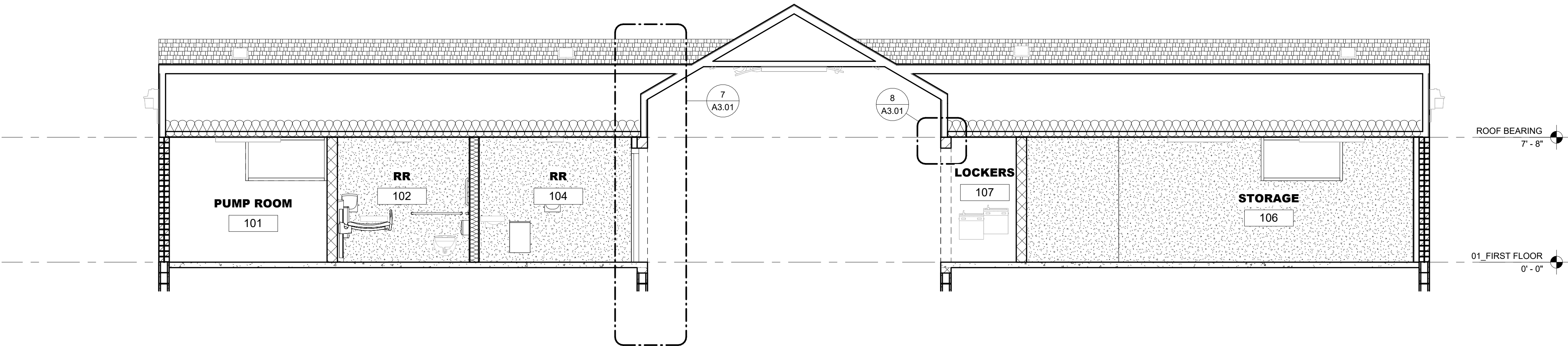
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JEFFERSON COMMUNITY PARK IMPROVEMENTS
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
ENLARGED PLANS

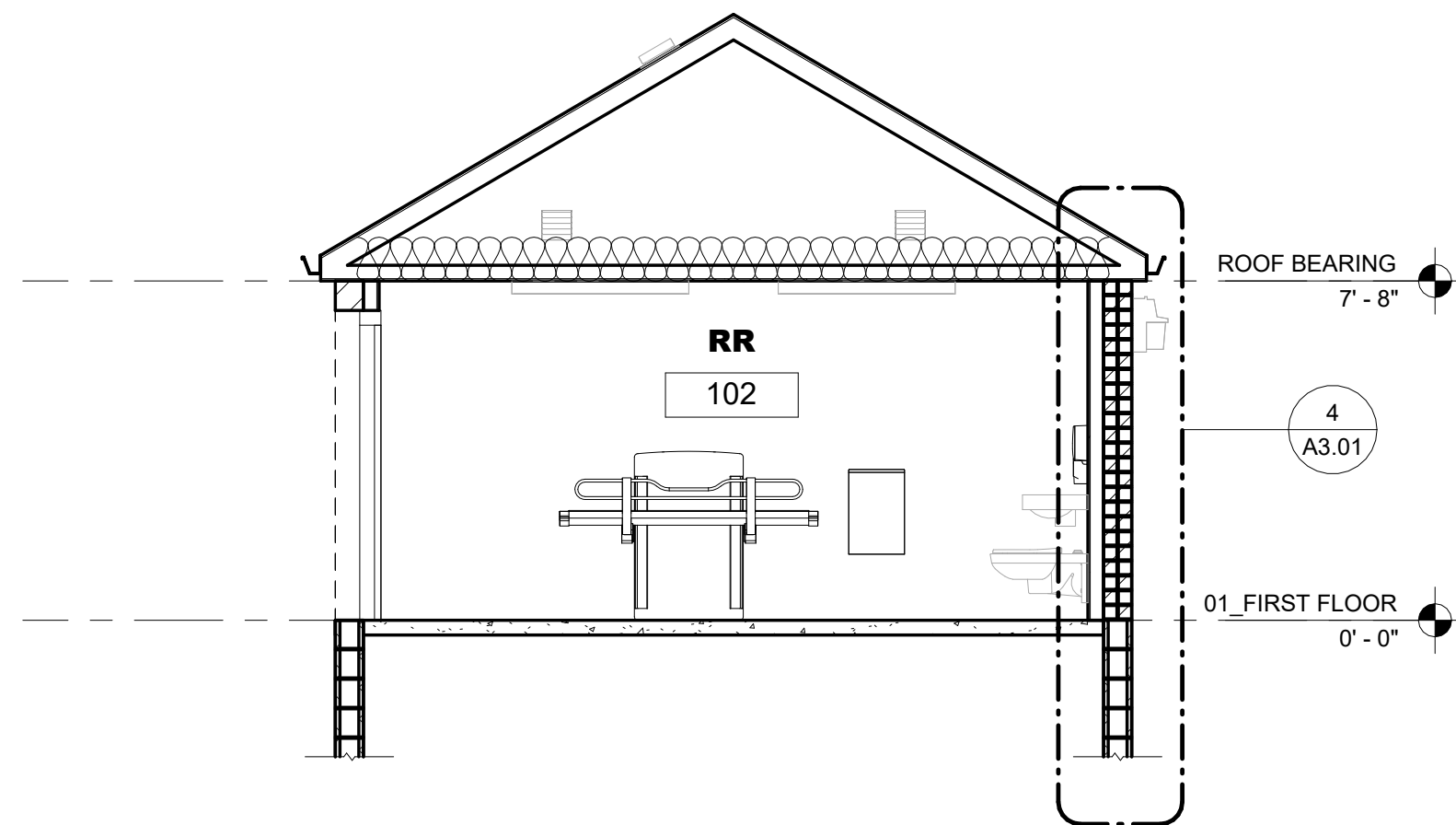
SCALE:	As indicated
CONTRACT NO:	242425
SHEET	A2.02

7/28/2025 10:05:38 AM



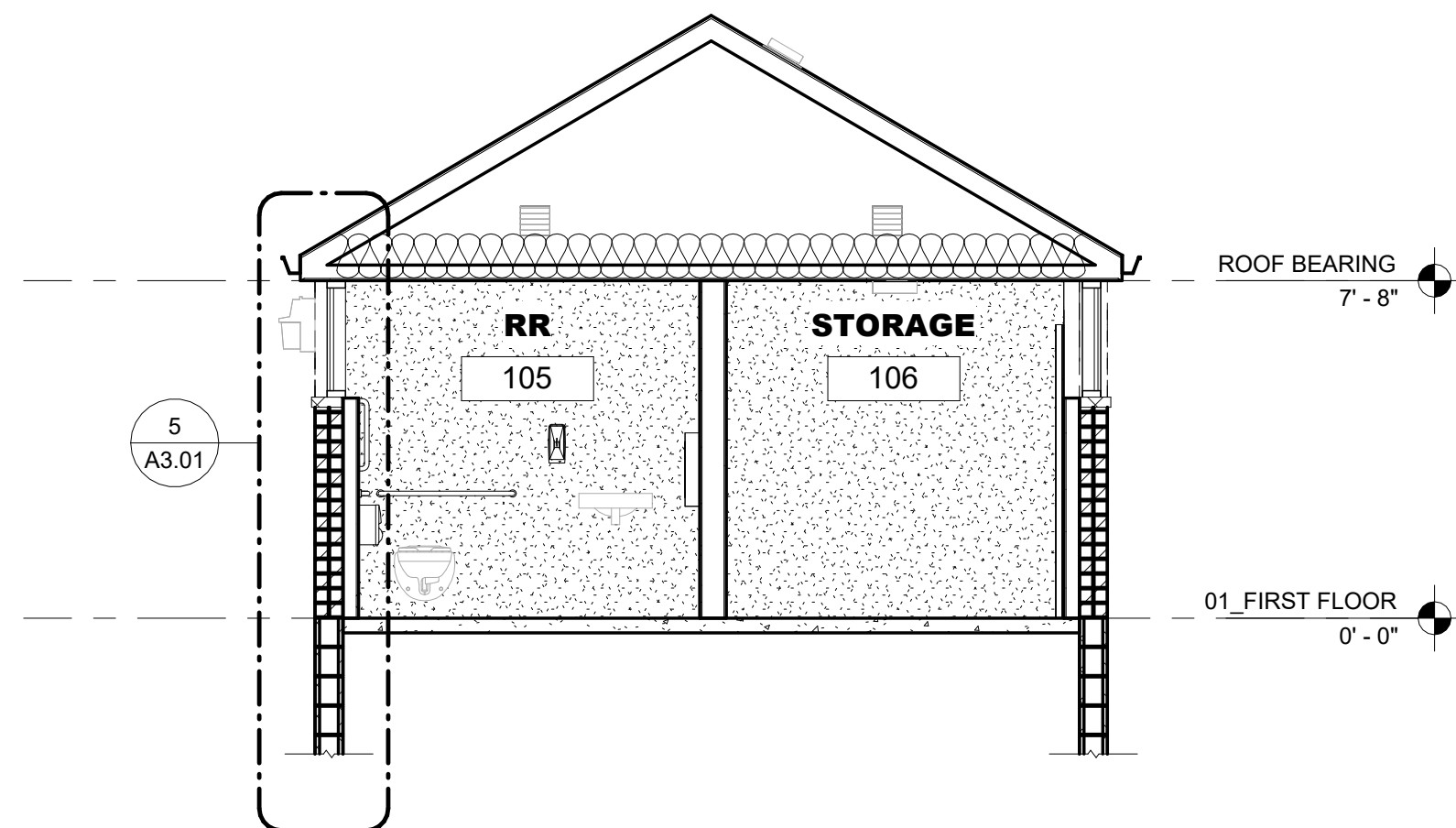
BUILDING SECTION

1/4" = 1'-0"



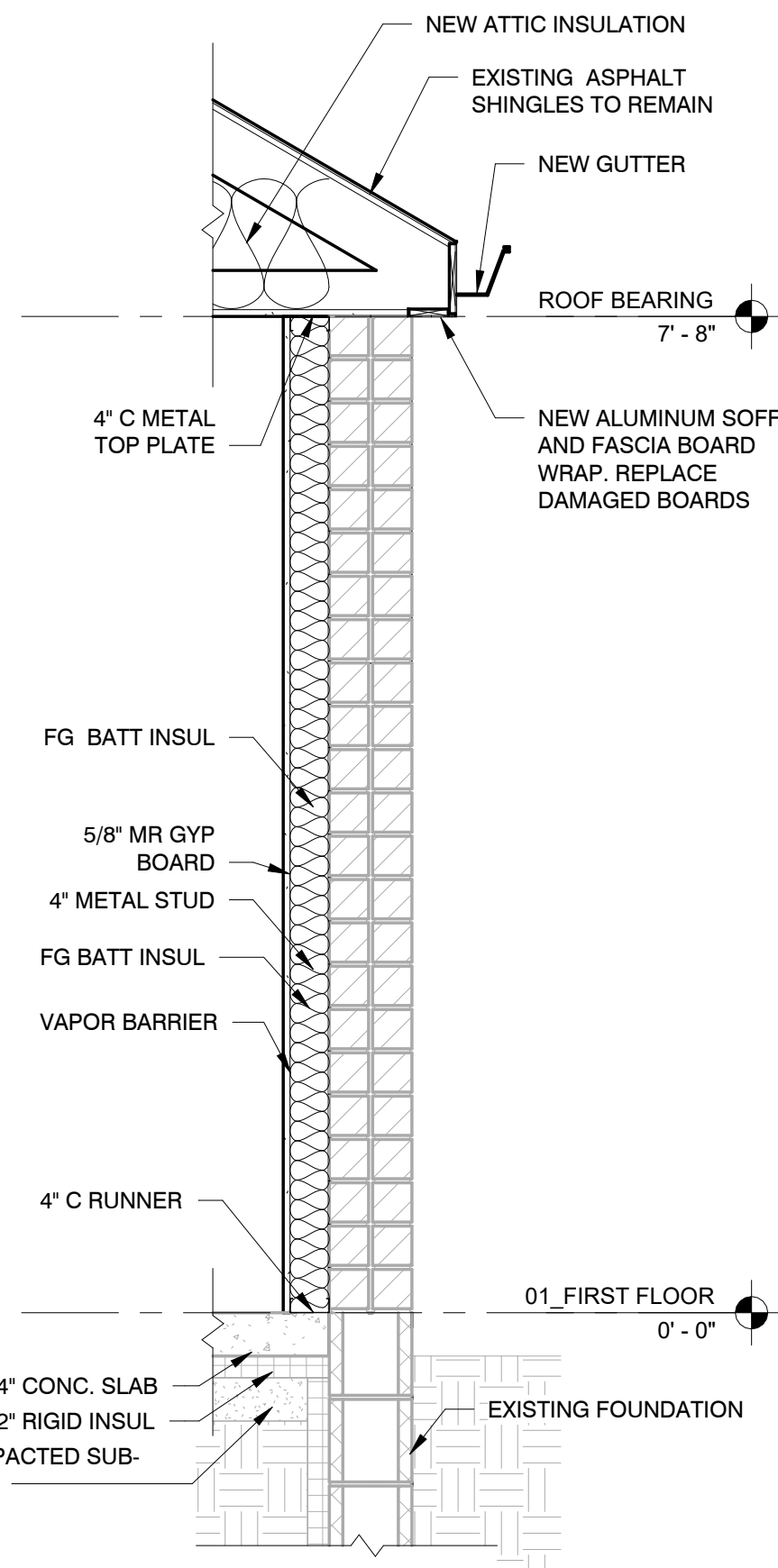
BUILDING SECTION

1/4" = 1'-0"



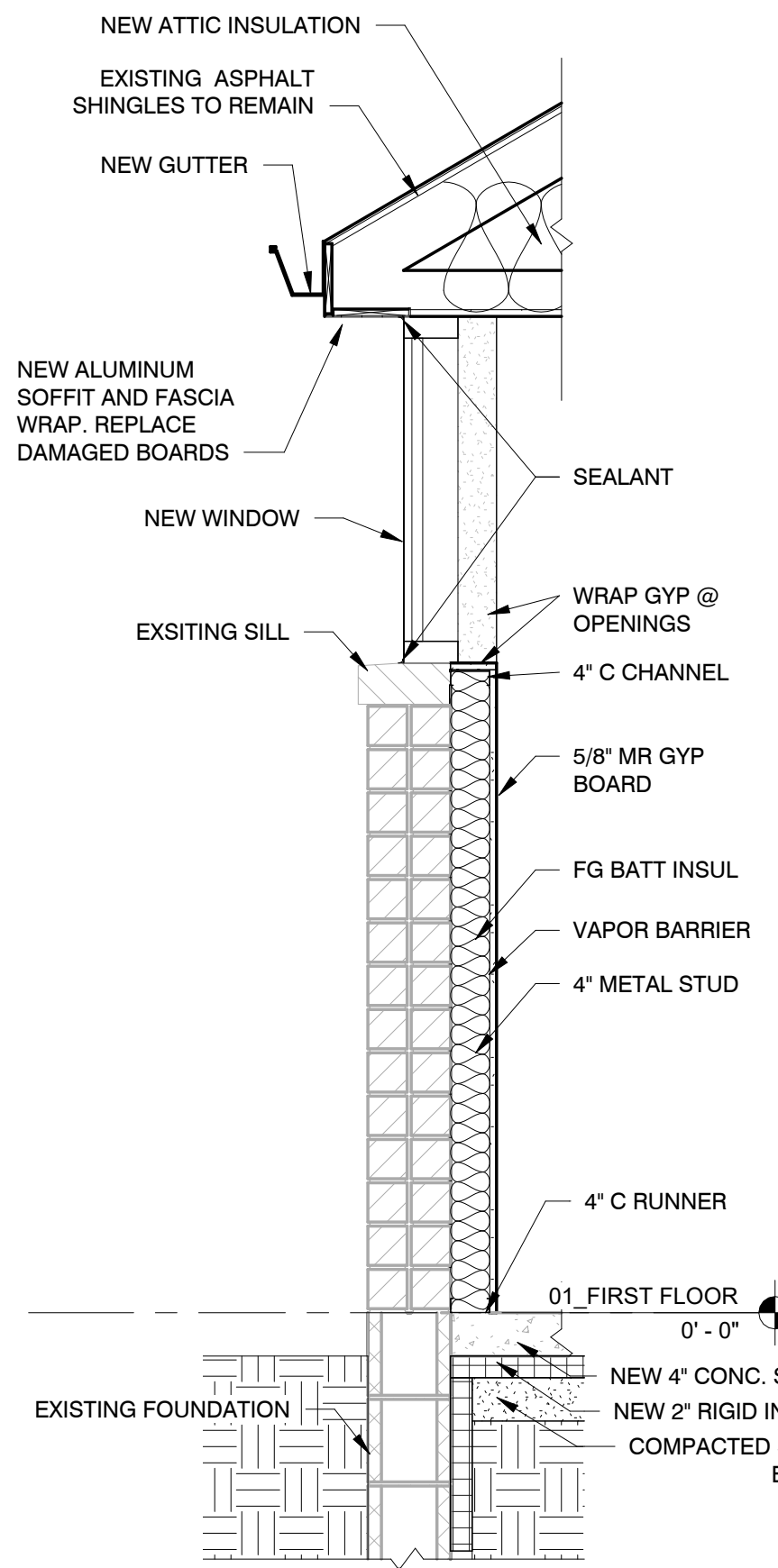
BUILDING SECTION

1/4" = 1'-0"



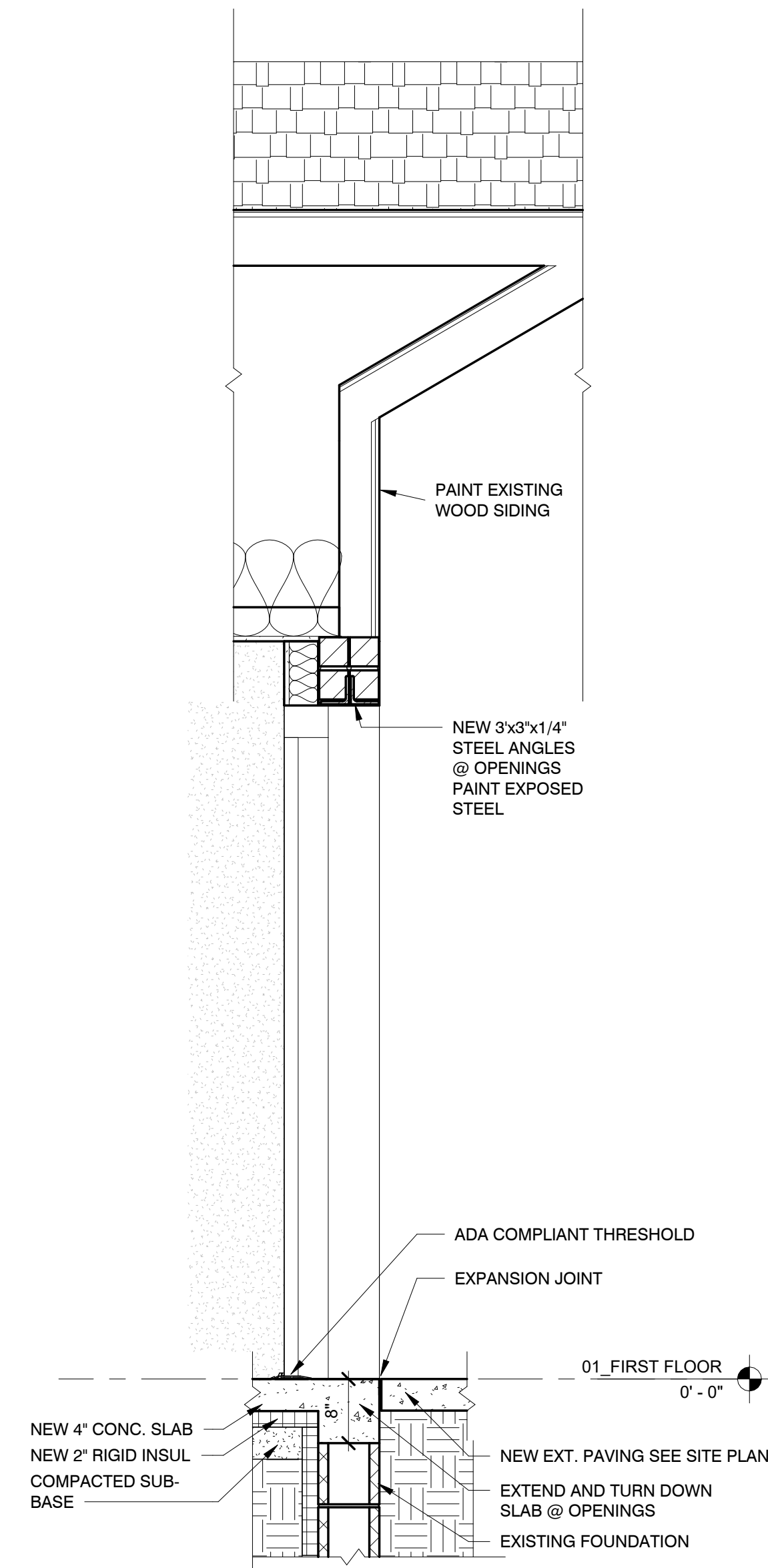
WALL SECTION

3/4" = 1'-0"



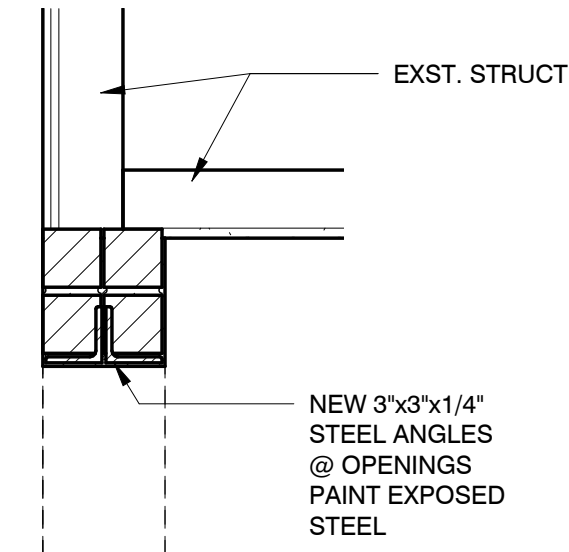
WALL SECTION

3/4" = 1'-0"



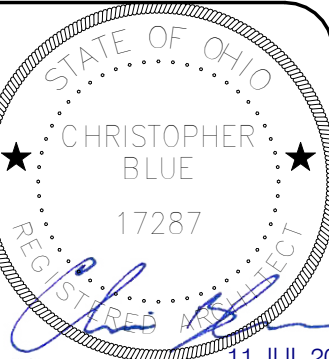
WALL SECTION

3/4" = 1'-0"



OPENING HEADER

1" = 1'-0"



verdantas

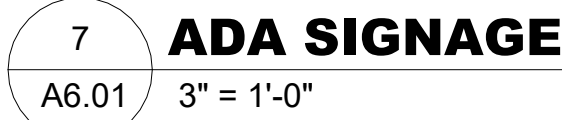
JEFFERSON COMMUNITY PARK IMPROVEMENTS

VILLAGE OF JEFFERSON

262 E JEFFERSON ST

BUILDING SECTIONS AND WALL SECTIONS

SCALE:	As indicated
CONTRACT NO:	242425
SHEET	A3.01

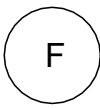


ADA SIGNAGE

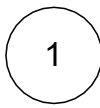
A6.01 / $3'' = 1'-0''$

SIGNAGE NOTES

1. ALL SIGNS TO FOLLOW ADAAG GUIDELINES, CONTRACTORS TO VERIFY THESE GUIDELINES.
2. CONTRACTOR TO VERIFY WITH VILLAGE ANY FACILITY STANDARDS OR ORGANIZATIONAL EMBLEMS/SYMBOLS TO BE USED.
3. SIGNS TO BE LOCATED 12" FROM LATCH SIDE OF DOOR.
MOUNTED 60 INCHES A.F.F. TO THE CENTERLINE OF SIGN, IF THERE IS INSUFFICIENT ROOM ON THE LATCH SIDE OF THE DOOR TO INSTALL THE SIGN, THEN SIGNS ARE TO BE POSITIONED TO THE NEAREST ADJACENT WALL OF THE DOOR LATCH.
4. MOUNTING HEIGHTS IDENTIFYING ROOMS MUST BE MOUNTED SO THAT THE BOTTOM OF THE RAISED CHARACTERS ARE BETWEEN 48 INCHES AND 60 INCHES ABOVE THE FLOOR.
5. SIGN FINISHES - CONTRACTOR TO COORDINATE WITH VILLAGE ALL COLORS AND TEXT



DOOR TYPE



DOOR FRAME

MARK				DOOR					FRAME						HARDWARE		REMARKS
	SIZE			RATING (MIN)	TYPE	MATERIAL	FINISH	GLAZING	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL	HARDWARE SET	KEYSIDE ROOM #	
	W	H	T														
1	(2) 3'-0"	6'-8"	1 3/4"	-	F	FRP	PT	-	1	AL	PT	2	2	1	1	101	1
2	3'-6"	6'-8"	1 3/4"	-	F	FRP	PT	-	1	AL	PT	1	1	1	2	102	1
3	3'-0"	6'-8"	1 3/4"	-	F	FRP	PT	-	1	AL	PT	1	1	1	2	103	1
4	3'-0"	6'-8"	1 3/4"	-	F	FRP	PT	-	1	AL	PT	1	1	1	2	104	1
5	3'-0"	6'-8"	1 3/4"	-	F	FRP	PT	-	1	AL	PT	1	1	1	2	105	1
6	(2) 3'-0"	6'-8"	1 3/4"	-	F	FRP	PT	-	1	AL	PT	1	1	1	1	106	1

DOOR SCHEDULE	
ABBREVIATIONS	REMARKS
AL FRP PT	1. FINISH AND PAINT EXTERIOR DOOR AND FRAME. <u>HARDWARE SET 1:</u> BRUSHED NICKEL HARDWARE FINISH, COMMERCIAL GRADE, 1.5 PAIR HINGES, SILENCERS, KEYPED LOCKSET, CONFIRM WITH OWNER <u>HARDWARE SET 2:</u> BRUSHED NICKEL HARDWARE FINISH, COMMERCIAL GRADE, ADA COMPLIANT HANDLE, 1.5 PAIR HINGES, SILENCERS, PRIVACY LOCKSET, AND ADA DOOR SIGNAGE



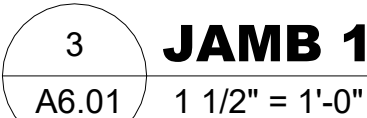
HEAD 1

A6.01 $1\frac{1}{2}" = 1'-0"$



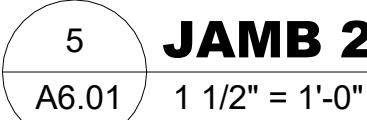
HEAD 2

A6.01 $1\frac{1}{2}" = 1'-0"$



JAMB 1

A6.01 $1\frac{1}{2}" = 1'-0"$



JAMB 2

A6.01 $1\frac{1}{2}" = 1'-0"$



SILL 1

A6.01 $1\frac{1}{2}" = 1'-0"$

LUMINAIRE SCHEDULE								
TYPE	LUMINAIRE		LAMP TYPE	DESCRIPTION	MOUNTING	MANUFACTURER	CATALOG NUMBER	REMARKS
	WATTS	VOLTS						
A	32	120	LED 4,000K 4,500 LUMENS	1'x4' CURVED STRIP FIXTURE WITH FROSTED LENS, WIDE OPTICS AND 0-10V DIMMING.	SURFACE	COLUMBIA LIGHTING, OR EQUALS BY LITHONIA, PHILIPS, COOPER	MPS-4-40-ML-C-W-ED-U	
AE	32	120	LED 4,000K 4,500 LUMENS	SAME AS TYPE 'A' BUT WITH INTEGRAL EMERGENCY BATTERY PACK.	SURFACE	COLUMBIA LIGHTING, OR EQUALS BY LITHONIA, PHILIPS, COOPER	MPS-4-40-ML-C-W-ED-U-ELL14	1
B	27	120	LED 4,000K 4,200 LUMENS	4' NARROW WRAP-AROUND FIXTURE WITH CURVED FROSTED LENS. DAMP LOCATION LISTED.	SURFACE	COLUMBIA LIGHTING, OR EQUALS BY LITHONIA, PHILIPS, COOPER	RLW-4-40-LW-FA-W-E	
BE	27	120	LED 4,000K 4,200 LUMENS	SAME AS TYPE 'B' BUT WITH INTEGRAL EMERGENCY BATTERY PACK.	SURFACE	COLUMBIA LIGHTING, OR EQUALS BY LITHONIA, PHILIPS, COOPER	RLW-4-40-LW-FA-W-E-ELL14	1
B2	18	120	LED 4,000K 2,600 LUMENS	2' NARROW WRAP-AROUND FIXTURE WITH CURVED FROSTED LENS. DAMP LOCATION LISTED.	SURFACE	COLUMBIA LIGHTING, OR EQUALS BY LITHONIA, PHILIPS, COOPER	RLW-2-40-LW-FA-W-E	
W	28	120	LED 4,000K 3,500 LUMENS	EXTERIOR WALL SCONCE. DARK BRONZE FINISH.	WALL	COLUMBIA LIGHTING, OR EQUALS BY LITHONIA, PHILIPS, COOPER	LNC2-48L-25-4K7-4W-UNV-FINISH	2

SCHEDULE REMARKS

- PROVIDE A SEPARATE UN-SWITCHED HOT AHEAD OF ALL CONTROLS FOR EMERGENCY BATTERY OPERATION.
- FIXTURE TO BE CONTROLLED VIA TIME CLOCK.

MECHANICAL EQUIPMENT WIRING SCHEDULE													
"DC"= DIRECT CONNECT "VFD"= VARIABLE FREQUENCY DRIVE		 COMBINATION STARTER AND FUSED DISCONNECT		 FUSED DISCONNECT		 NON-FUSED DISCONNECT		 MANUAL MOTOR STARTER		 SWITCH  JUNCTION BOX			
ITEM NO.	EQUIPMENT	HP	KW	MCA	FLA	VOLTS	φ	CONNECTION BY EC	PANEL / CKT.NO.	CIRC BKR		WIRING AND CONDUIT	NOTES
										AMPS	POLES		
EF-1	EXHAUST FAN	-	0.16	-	-	120	1	①	LP / 46	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	②
EF-2	EXHAUST FAN	-	0.11	-	-	120	1	①	LP / 46	20	1	2-12 AWG & 1-12 AWG GND - 3/4" C.	②
EH-1	ELECTRIC UNIT HEATER	-	4	-	16.7	240	1	①	LP / 2,4	25	2	2-10 AWG & 1-10 AWG GND - 3/4" C.	
EH-2	ELECTRIC UNIT HEATER	-	3	-	12.5	240	1	①	LP / 6,8	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
EH-3	ELECTRIC UNIT HEATER	-	1.5	-	6.25	240	1	①	LP / 10,12	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
EH-4	ELECTRIC UNIT HEATER	-	1.5	-	6.25	240	1	①	LP / 14,16	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
EH-5	ELECTRIC UNIT HEATER	-	1.5	-	6.25	240	1	①	LP / 18,20	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
EH-6	ELECTRIC UNIT HEATER	-	3	-	12.5	240	1	①	LP / 22,24	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
EH-7	ELECTRIC UNIT HEATER	-	3	-	12.5	240	1	①	LP / 26,28	20	2	2-12 AWG & 1-12 AWG GND - 3/4" C.	
EWH-1	ELECTRIC WATER HEATER	-	8.7	-	36.3	240	1	 60AS	LP / 30,32	50	2	2-6 AWG & 1-10 AWG GND - 3/4" C.	
EWH-2	ELECTRIC WATER HEATER	-	8.7	-	36.3	240	1	 60AS	LP / 34,36	50	2	2-6 AWG & 1-10 AWG GND - 3/4" C.	
EWH-3	ELECTRIC WATER HEATER	-	8.7	-	36.3	240	1	 60AS	LP / 38,40	50	2	2-6 AWG & 1-10 AWG GND - 3/4" C.	
EWH-4	ELECTRIC WATER HEATER	-	8.7	-	36.3	240	1	 60AS	LP / 42,44	50	2	2-6 AWG & 1-10 AWG GND - 3/4" C.	

SCHEDULE NOTES

- EQUIPMENT FURNISHED WITH INTEGRAL DISCONNECT SWITCH.
- PROVIDE AND WIRE THROUGH ASTRONOMICAL TIME CLOCK #4 CONTROLS.

ELECTRICAL DEMOLITION NOTES

- DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS IS SHOWN IN GENERAL TO INDICATE THE EXTENT OF DEMOLITION AND IS NOT TO BE CONSIDERED AS A RECORD DRAWING OF EXISTING CONDITIONS. ACCORDINGLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETE DEMOLITION OF THE ELECTRICAL WORK INDICATED INCLUDING ANY CONCEALED ITEMS OR ANY EXISTING ITEMS NOT SHOWN ON THE CONTRACT DOCUMENTS. BEFORE DEMOLITION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROPRIATE FIELD-TESTING TO DETERMINE THE NATURE OF THE EXISTING ELECTRICAL WORK TO BE DEMOLISHED TO PROTECT EXISTING WORK REMAINING IN PLACE AND TO PROTECT THE PUBLIC.
- REPAIR AND RESTORE TO ORIGINAL SOUND CONDITION ALL ITEMS OR PORTIONS OF ELECTRICAL WORK, WHICH ARE NOT NOTED TO BE DEMOLISHED, BUT ARE DAMAGED BY WORK UNDER THIS CONTRACT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROTECT AND RETAIN POWER TO ALL EXISTING EQUIPMENT THAT SHALL REMAIN. RECONNECT ANY EQUIPMENT BEING DISTURBED BY THIS RENOVATION, YET REQUIRED FOR CONTINUED SERVICE TO SAME OR NEAREST AVAILABLE PANEL.
- WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVAL, NEW OR RELOCATED WALL OPENING, ETC.) RESULTS IN THE REMOVAL, RELOCATION, OR REFEEDING OF ELECTRICAL DEVICES OR LUMINARIES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT OR RECONNECT ALL ACTIVE DEVICES REMAINING ON THAT CIRCUIT SYSTEM.
- CONTRACTOR SHALL VERIFY ALL CIRCUITS IN EXISTING PANEL AFFECTED BY THIS ALTERATION, WHERE ADDITIONAL CIRCUITS ARE NEEDED, USE AVAILABLE SPARE BREAKERS IN THE PANEL AND TIGHTEN ALL CONNECTIONS.
- DO NOT PROCEED WITH DEMOLITION WITHOUT WRITTEN AUTHORITY. PROCEED WITH DEMOLITION IN A SYSTEMATIC MANNER AND COORDINATE WITH ALL TRADES INVOLVED. COORDINATE AND SEQUENCE DEMOLITION SO AS NOT TO CAUSE A SHUTDOWN OF OPERATION OF SURROUNDING AREAS.
- DISCONNECT OR SHUT OFF SERVICE TO AREAS WHERE ELECTRICAL WORK IS TO BE REMOVED. REMOVE ALL ELECTRICAL LUMINARIES, EQUIPMENT, AND RELATED SWITCHES, OUTLETS, CONDUIT, AND WIRING, WHICH ARE NOT A PART OF THE FINAL PROJECT IN ALL AREAS WHERE WORK OF THIS CONTRACT IS TO BE PERFORMED. ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER'S REPRESENTATIVE. ABANDONED CONDUIT SHALL BE REMOVED, ALONG WITH WIRE NO LONGER IN USE FROM DEVICE LOCATION BACK TO PANEL.
- ARRANGE TIMING OF SHUTDOWN PERIODS OF ALL IN-SERVICE PANELS WITH THE OWNER'S REPRESENTATIVE. DO NOT SHUTDOWN ANY SERVICE WITHOUT PRIOR WRITTEN APPROVAL.
- DISPOSAL OF LAMPS, BALLASTS, TRANSFORMERS, BATTERIES, ETC., SHALL BE IN ACCORDANCE WITH APPLICABLE EPA REQUIREMENTS.
- WHERE EXISTING CIRCUITS ARE INDICATED TO BE REUSED, THE CONTRACTOR SHALL USE SENSING MEASURING DEVICES TO VERIFY THAT CIRCUITS FEEDING OTHER LOADS NOT WITHIN PROJECT AREA ARE NOT OVERLOADED.
- ELECTRICAL CONTRACTOR SHALL COMPLETELY REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND/OR DEVICES IN THE SPACE AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

ELECTRICAL GENERAL NOTES

- THE ELECTRICAL INSTALLATION MUST MEET OR EXCEED THE MINIMUM REQUIREMENTS OF THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE AND ANY APPLICABLE STATE OR LOCAL CODES, AS INTERPRETED BY THE LOCAL AUTHORITY HAVING JURISDICTION.
- CONFIRM THE CEILING TYPES IN ALL AREAS WITH THE GENERAL TRADES CONTRACTOR OR WITH THE EXISTING BUILDING CEILING CONDITIONS, AND FURNISH THE PROPER LIGHT FIXTURE TRIMS AND SUPPORTS TO SUIT EACH CEILING TYPE.
- ALL LIGHTING FIXTURE LOCATIONS INDICATED ON THIS DRAWING SHALL BE SUPERSEDED BY THE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE AREA. ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF LIGHT FIXTURES.
- ALL WALL MOUNTED LIGHTING FIXTURE LOCATIONS INDICATED ON THIS DRAWING SHALL HAVE THE MOUNTING HEIGHTS VERIFIED WITH THE ARCHITECT BEFORE ROUGH-IN.
- BRANCH CIRCUIT WIRING FOR EMERGENCY LIGHTING BATTERY PACKS AND EXIT LIGHTS SHALL BE INSTALLED AND CONNECTED IN ACCORDANCE WITH ARTICLE 700 OF THE NATIONAL ELECTRICAL CODE.
- THIS CONTRACTOR SHALL COORDINATE ALL FLOOR OUTLETS WITH FURNITURE PLAN LAYOUTS BEFORE ROUGH-IN. FINAL LOCATIONS SHALL BE APPROVED BY THE ARCHITECT. OBTAIN FURNITURE PLANS FROM ARCHITECT OR INTERIOR SPACE PLANNER.
- ALL EXISTING UNUSED ELECTRICAL WIRE, CONDUIT, AND EQUIPMENT SHALL BE REMOVED.
- OPEN WIRE AND OPEN CABLES INSTALLED WITHIN THE RETURN AIR CEILING SPACE SHALL BE PLENUM RATED LETTER CODE 'P'.
- ALL WIRE FOR POWER, LIGHTING, AND CONTROL SYSTEMS SHALL BE 600 VOLT THHN-THWN, 90 DEGREE INSULATED AND SHALL BE COPPER. ALL WIRE FOR COMMUNICATIONS SYSTEMS SHALL BE COPPER.
- FIRE SEAL OPENINGS AROUND ALL CONDUIT PENETRATIONS. PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE SEALED WITH LISTED FIRE RATED MATERIALS.
- UNLESS OTHERWISE NOTED, ALL HOMERUN WIRING SHALL BE RUN IN EMT THIN-WALL THREADLESS CONDUIT. TYPE MC CABLE MAY BE INSTALLED CONCEALED WITHIN WALL AND CEILING SPACES FOR BRANCH CIRCUIT WIRING.
- ALL ELECTRICAL EQUIPMENT SHALL BE U.L. LISTED OR LABELED.
- COORDINATE THE ELECTRICAL WORK WITH ALL TRADES ON SITE AND WITH THE OWNER'S REPRESENTATIVE. REFER TO THE PLANS AND DETAILS SHOWING THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING AND TECHNOLOGY WORK TO PROPERLY PLAN AND INSTALL THE ELECTRICAL SYSTEMS AND EQUIPMENT.
- PROVIDE LABELS FOR NEW PANELBOARDS TO WARN OF POTENTIAL ARC FLASH HAZARDS IN ACCORDANCE WITH NEC 110.16(A).
- PROVIDE LABEL TO INDICATE MAXIMUM AVAILABLE FAULT CURRENT AT SERVICE EQUIPMENT IN ACCORDANCE WITH NEC 110.24(A).

ELECTRICAL SYMBOLS

- A
3,5
- BRANCH CIRCUIT HOMERUN TO PANEL "A". CIRCUIT #3 AND #5. PROVIDE THE PROPER QUANTITY OF 12 AWG CONDUCTORS FOR THE CIRCUIT(S) INDICATED. A SEPARATE GROUNDING CONDUCTOR IS REQUIRED FOR ALL BRANCH CIRCUITS.
-
- CONDUIT TURNED UP/CONDUIT TURNED DOWN
-
- CONDUIT STUB
-
- HEAVY LINE WEIGHT INDICATES THIS EQUIPMENT IS NEW OR RELOCATED EXISTING UNLESS NOTED OTHERWISE
-
- LIGHT LINE WEIGHT INDICATES THIS EQUIPMENT IS EXISTING TO REMAIN, UNLESS NOTED OTHERWISE
-
- HEAVY DASHED LINE WEIGHT INDICATES EXISTING EQUIPMENT IS TO BE REMOVED UNLESS NOTED OTHERWISE
- S
- SINGLE POLE SWITCH - MOUNTING AT 48" A.F.F.
- M
- OCCUPANCY SENSOR SWITCH WITH OVERRIDE SWITCH - WALL MOUNTED AT 48" A.F.F. OR AS NOTED
- M
- OCCUPANCY SENSOR SWITCH - CEILING MOUNTED. PROVIDE ONE POWER PACK PER ZONE TO BE CONTROLLED. POWER PACKS ARE NOT SHOWN ON PLANS
- A
- LIGHT FIXTURE TYPE 'A'
- B
- LIGHT FIXTURE TYPE 'B'
- C
- LIGHT FIXTURE TYPE 'C' - WALL MOUNTED. SEE FLOOR PLANS OR LUMINAIRE SCHEDULE FOR MOUNTING HEIGHTS
-
- DUPLEX RECEPTACLE - MOUNTING AT 18" A.F.F.
- 48"
- DUPLEX RECEPTACLE - INDICATES MOUNTING AT 48" A.F.F.
- C
- DUPLEX RECEPTACLE - MOUNTING AT 6" ABOVE COUNTER
- G
- DUPLEX RECEPTACLE - GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE
-
- JUNCTION BOX - MOUNTING HEIGHT AND SIZE AS REQUIRED
-
- PANELBOARD - 0 TO 150 VOLTS TO GROUND
-
- 60AS UNFUSED DISCONNECT SWITCH - "60/3" INDICATES 60 AMPERE SWITCH RATING AND POLES
-
- 60AS FUSED DISCONNECT SWITCH - "60AS" INDICATES 60 AMPERE SWITCH RATING AND POLES / "50AF" INDICATES 50 AMPERE FUSE
- S1
- MAGNETIC MOTOR STARTER - "S1" INDICATES NEMA SIZE 1 STARTER
- 60AS
50AF
- ONE-LINE DIAGRAM REPRESENTATION OF A FUSED SWITCH - "60AS" INDICATES 60 AMPERE FUSIBLE SWITCH RATING, "50AF" INDICATES 50 AMPERE FUSE
- 60/3
- ONE-LINE DIAGRAM REPRESENTATION OF A MOLDED CASE CIRCUIT BREAKER - "60/3" INDICATES 60 AMPERE CIRCUIT BREAKER RATING AND POLES
-
- ONE-LINE DIAGRAM REPRESENTATION OF A TRANSFORMER, SIZE AS NOTED
- M
- ONE-LINE DIAGRAM REPRESENTATION OF A METER
- 4
- PLAN NOTE TAG, REFER TO PLANS FOR DESCRIPTION
- AH-3
- INDICATES POWER CONNECTION TO AIR HANDLER #3-REFER TO EQUIPMENT CONNECTION SCHEDULES FOR REQUIREMENTS
- A.F.F.
- ABOVE FINISHED FLOOR
- U.O.N.
- UNLESS OTHERWISE NOTED
- AS/AF/AT
- AMPERE SWITCH/AMPERE FUSE/AMPERE TRIP
- MLO
- MAIN LUG ONLY
- MCB
- MAIN CIRCUIT BREAKER

DATE:	07/24/2025	BY:	JDM
REVISIONS FOR BID & PERMIT			
REV			
DATE:	07/24/2025	DRAWN BY:	JK
		CHECKED BY:	TGP
		APPROVED BY:	TGP
		F.B. NO.:	PG.:

JEFFERSON COMMUNITY PARK IMPROVEMENTS
VILLAGE OF JEFFERSON
262 E JEFFERSON ST
ELECTRICAL SYMBOLS, NOTES, DETAILS

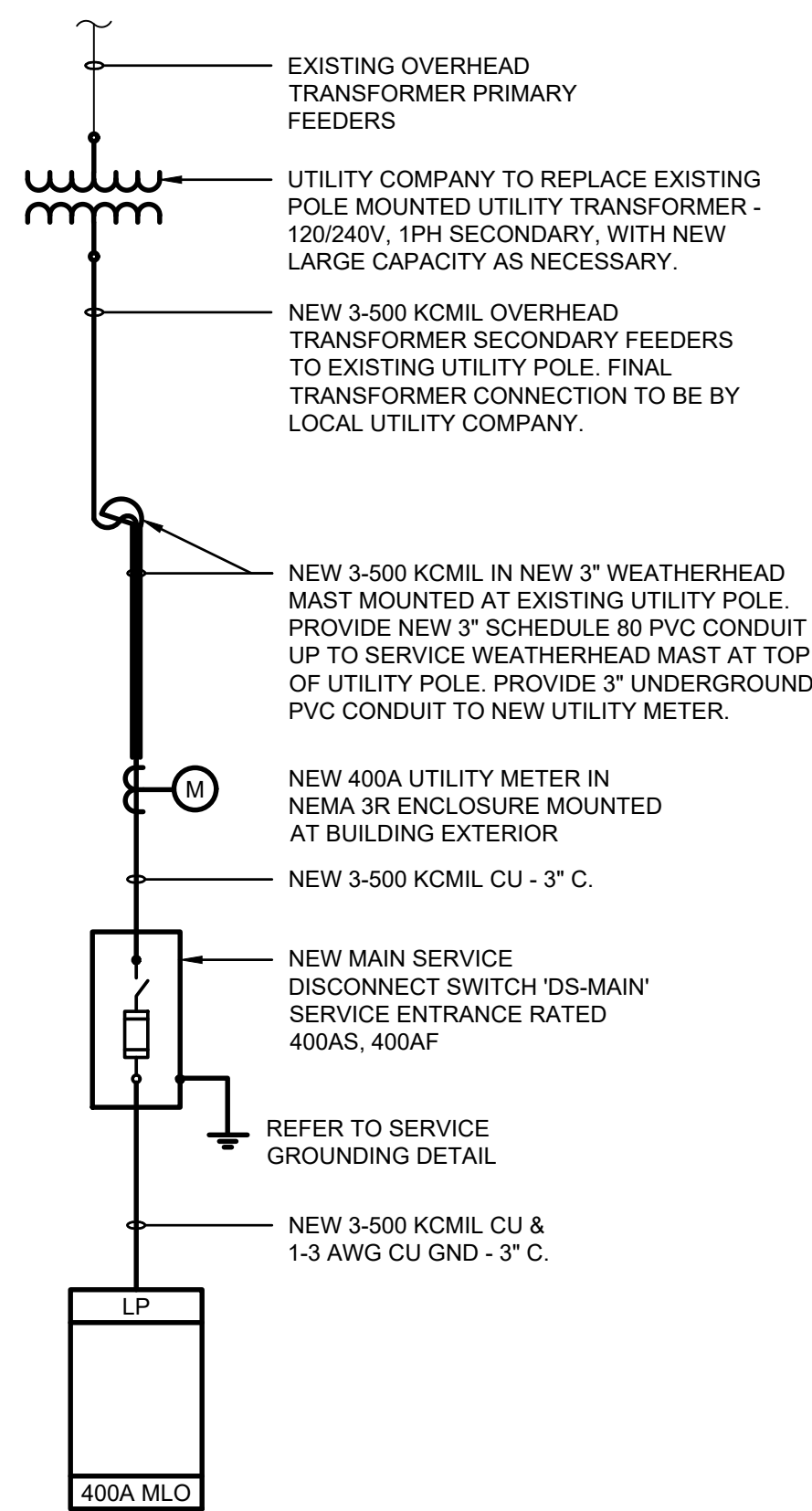


33851 Curtis Blvd., 216
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t 440.953.8760
f 440.953.1289
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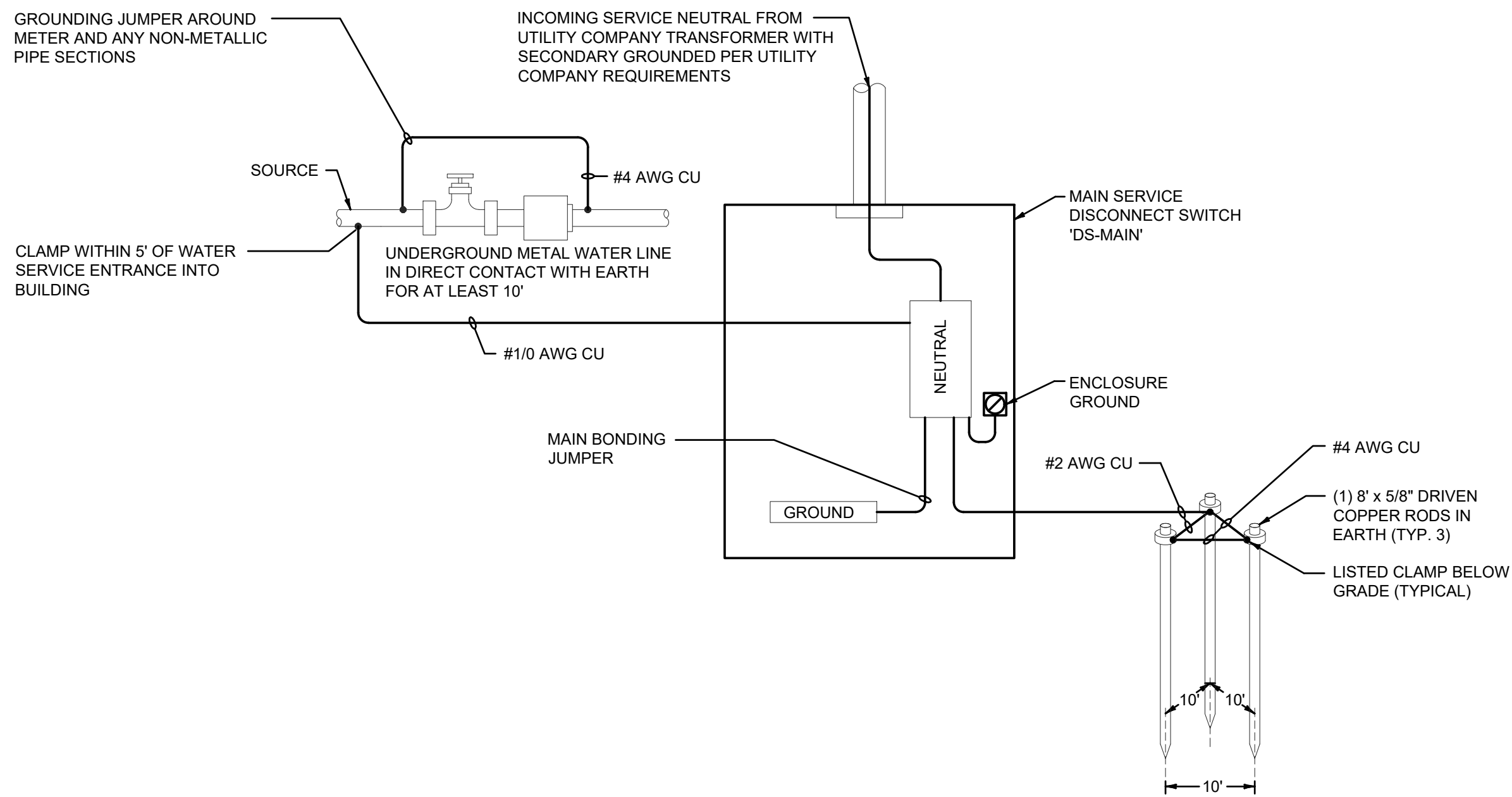
SCALE:	As indicated
CONTRACT NO:	242425
SHEET	E0.01

CIRCUIT BREAKER PANEL SCHEDULE																						
PANEL		LP		AMP		200		VOLTAGE		120/240V-1Ø-3W												
INTERRUPTING CAPACITY		10,000		SPACES		72		AMPS RMS SYM		10,000		MAIN		MLO		MOUNTING		SURFACE				
LOAD DESCRIPTION		CONTINUOUS LOAD		NON-CONTINUOUS LOAD (80%)		RECEPTACLE LOAD		Ø B / PHASE		Ø C / Ø		Ø C / Ø		RECEPTACLE LOAD		NON-CONTINUOUS LOAD (80%)		CONTINUOUS LOAD		LOAD DESCRIPTION		
		ØA	ØB	ØA	ØB	ØA	ØB							ØA	ØB	ØA	ØB	ØA	ØB			
LTS.		0.4						20/1	1	A	2					2.0						EH-1
EXTERIOR LTS.			0.2					20/1	3	B	4					2.0						
SITE LTS.		0.4						20/1	5	A	6					1.5						EH-2
FLAG LTS.			0.1					20/1	7	B	8					0.5						
SPARE								20/1	9	A	10					0.8						EH-3
SPARE								20/1	11	B	12					0.7						
TIMECLOCK #1		0.1						20/1	13	A	14					0.8						EH-4
TIMECLOCK #2			0.1					20/1	15	B	16					0.8						
TIMECLOCK #3			0.2					20/1	17	A	18					0.8						EH-5
			0.2					20/1	19	B	20					0.8						
TIMECLOCK #4		0.1						20/1	21	A	22					1.5						EH-6
SPARE								20/1	23	B	24					1.5						
FEATURE PUMP (*)				3.4				20/2	25	A	26					1.5						EH-7
					3.4			20/2	27	B	28					1.5						
RE-CIRCULATING PUMP (*)				1.3				20/2	29	A	30					4.4						EW-H1
					1.3			20/2	31	B	32					4.4						
UV SANITIZER (*)				1.0				20/1	33	A	34					4.4						EW-H2
CHEM CONTROL (*)					1.0			20/1	35	B	36					4.4						
PANEL REC.						0.4		20/1	37	A	38					4.4						EW-H3
BATHROOM GFCI							0.5	20/1	39	B	40					4.4						
CHANGE TABLE (*)			0.5					20/1	41	A	42					4.4						EW-H4
HAND DRY (*)				1.0				20/1	43	B	44					4.4						
HAND DRY (*)			1.0					20/1	45	A	46	20/1			0.3							EF-1, EF-2
HAND DRY (*)				1.0				20/1	47	B	48	20/1										SPARE
HAND DRY (*)				1.0				20/1	49	A	50	20/1										SPARE
DRINK FTN. (*)					0.4			20/1	51	B	52	20/1										SPARE
BATHROOM GFCI						0.5		20/1	53	A	54	20/1										SPARE
SPARE								20/1	55	B	56	20/1										SPARE
SPARE								20/1	57	A	58	20/1										SPARE
SPARE								20/1	59	B	60	20/1										SPARE
SPARE								20/1	61	A	62	20/1										SPARE
SPARE								20/1	63	B	64	20/1										SPARE
SPARE								20/1	65	A	66	20/1										SPARE
SPARE								20/1	67	B	68	20/1										SPARE
SPARE								20/1	69	A	70	20/1										SPARE
SPARE								20/1	71	B	72	20/1										SPARE
		1.2	0.5	8.1	8.0	0.9	0.5	KW SUB-TOTALS KW								26.4	25.1					
CONNECTED LOAD PER PHASE PHASE A 36.6 KWC 305.3 AMPS PHASE B 34.2 KWC 284.9 AMPS TOTAL CONNECTED LOAD 70.8 KWC 295.1 AMPS TOTAL DEMAND LOAD 57.3 KWD 238.7 AMPS SCHEDULE REMARKS NEMA 4X RATED PANEL. (*) PROVIDE GFCI RATED CIRCUIT BREAKER.																						



ONE LINE DIAGRAM
NO SCALE

ELECTRICAL SERVICE LOAD SUMMARY				
LOAD	KW CONNECTED	DEMAND FACTOR	KW DEMAND	NOTES
LIGHTING	1.0	1.0	1.0	
CONVENIENCE RECEPTACLES	1.44	NEC	1.44	
MISC. BUILDING EQUIPMENT	5.4	0.8	4.32	
MISC. MECHANICAL EQUIPMENT	52.6	0.8	42.1	
SPLASH PAD EQUIPMENT & PUMPS	11.4	0.5	5.7	
TOTALS	71.8		54.6	
SERVICE VOLTAGE:	120/240V, 1-PH, 3-WIRE		DEMAND AMPERES:	228



SERVICE GROUNDING ELECTRODE SYSTEM WIRING DIAGRAM

SECTION 260000 - ELECTRICAL SPECIFICATIONS

PART 1 GENERAL

- 1.1

PROVIDE ALL LABOR AND MATERIAL FOR ALL SYSTEMS AS INDICATED ON THE DRAWINGS AND SPECIFIED HEREIN, OR REASONABLY IMPLIED, TESTED AND READY FOR USE BY THE OWNER.
- 1.2

REFER TO THE ARCHITECTURAL, STRUCTURAL, MECHANICAL AND OTHER CONTRACT DOCUMENTS FOR THE PROJECT. ELECTRICAL WORK AND/OR COORDINATION ITEMS INDICATED ON THESE DOCUMENTS ARE A PART OF THE ELECTRICAL SCOPE OF WORK.
- 1.3

DISCREPANCIES BETWEEN EACH DIVISION'S DOCUMENTS OR BETWEEN THE DOCUMENTS AND THE EXISTING BUILDING OR SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE BEFORE SUBMITTING A BID.
- 1.4

THE ELECTRICAL SCOPE OF WORK INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING EQUIPMENT OR SYSTEMS:

A

LIGHTING AND LIGHTING CONTROLS

B

WIRING DEVICES

C

POWER DISTRIBUTION EQUIPMENT

D

BRANCH CIRCUIT PANELBOARDS

E

UTILITY SERVICE INSTALLATION DRAWINGS

F

GROUNDING AND GROUNDING SYSTEMS

G

NEW POWER AND COMMUNICATIONS/UTILITY SERVICES

H

CONNECTIONS AND POWER CIRCUITS FOR EQUIPMENT PROVIDED UNDER ANOTHER DIVISION, OR BY THE OWNER.

I

DEMOLITION OF EXISTING EQUIPMENT, DEVICES AND WIRING.
- 1.5

SUBMITTALS OR SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING EQUIPMENT OR SYSTEMS:

A

LIGHTING AND LIGHTING CONTROLS

B

WIRING DEVICES

C

POWER DISTRIBUTION EQUIPMENT

D

BRANCH CIRCUIT PANELBOARDS

E

UTILITY SERVICE INSTALLATION DRAWINGS

F

PROVIDE SUBMITTALS ONLY FOR EQUIPMENT LISTED ABOVE. ALL SUBMITTALS MUST BE REVIEWED FOR PROPER CONTENT AND ACCURACY BY THE CONTRACTOR BEFORE SUBMISSION TO THE ENGINEER.

G

SUBMITTALS SHALL BE REVIEWED ONLY FOR GENERAL COMPLIANCE AND NOT FOR DIMENSIONS, QUANTITIES, ETC. THE SUBMITTALS THAT ARE RETURNED SHALL BE USED FOR PROCUREMENT. THE RESPONSIBILITY OF CORRECT PROCUREMENT REMAINS SOLELY WITH THE CONTRACTOR. THE SUBMITTAL REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS AND DEVIATIONS FROM THE CONTRACT REQUIREMENTS. ELECTRONIC COPIES ARE REQUIRED. REFER TO DIVISION 1 FOR EXACT QUANTITIES AND OTHER SUBMITTAL REQUIREMENTS.
- 1.6

RECORD DRAWINGS (AND OPERATION AND MAINTENANCE MANUALS) ARE REQUIRED TO BE SUBMITTED TO THE OWNER'S REPRESENTATIVE AND APPROVED BEFORE A FINAL CONTRACT PAY REQUEST. RECORD DRAWINGS INCLUDE A CLEAN SET OF CONTRACT DRAWINGS IDENTIFYING CHANGES OR DEVIATIONS MADE TO THE ORIGINAL DESIGN AND MUST INCLUDE FEEDER ROUTINGS, OPERATION AND MAINTENANCE MANUALS (3 SETS) SHALL INCLUDE A COPY OF ALL APPROVED SUBMITTALS, EQUIPMENT MAINTENANCE INSTRUCTIONS, TEST REPORTS, INSPECTION REPORTS, EQUIPMENT WARRANTIES, AND THE CONTRACTORS' ONE-YEAR GUARANTEE ON EQUIPMENT AND LABOR). REFER TO DIVISION 1 FOR EXACT QUANTITIES AND OTHER SUBMITTAL REQUIREMENTS.
- 1.7

OBTAIN AND PAY FOR LOCAL PERMITS, LICENSES, AND INSPECTION FEES NECESSARY FOR THE WORK. PERMANENT AND TEMPORARY UTILITY SERVICE INSTALLATION CHARGES ARE NOT INCLUDED IN THE BASE-BID WORK. SUCH CHARGES ARE INCLUDED AS AN ALLOWANCE OF \$20,000.00 IN THE CONTRACT. THE UNUSED PORTION OF THIS ALLOWANCE SHALL BE RETURNED TO THE OWNER AT THE COMPLETION OF THE PROJECT. THIS CONTRACTOR IS RESPONSIBLE FOR CONTACTS WITH UTILITY COMPANIES, AND FOR ARRANGEMENT OF WORK ORDERS.
- 1.8

TEMPORARY POWER AND LIGHTING SHALL BE PROVIDED TO OSHA REQUIREMENTS FOR THE CONSTRUCTION PERIOD. TEMPORARY UTILITY POWER AND TELEPHONE SERVICES WILL BE BROUGHT TO THE SITE UNDER THIS CONTRACT, BUT THE OWNER WILL PAY FOR RELATED MONTHLY CHARGES. THE POINT OF CONNECTION AND METHOD OF EXTENSION SHALL BE APPROVED BY THE OWNER.
- 1.9

SUBMISSION OF A BID ASSUMES KNOWLEDGE OF ALL DOCUMENTS AVAILABLE RELATED TO THE WORK, AS WELL AS EXISTING CONDITIONS MADE AVAILABLE FOR REVIEW AND INSPECTION DURING THE BIDDING PERIOD. THIS CONTRACTOR SHALL INFORM THE OWNER'S REPRESENTATIVE OF ANY UNKNOWN AND/OR CONCEALED CONDITIONS AFFECTING THE NEW WORK, AS THEY ARE DISCOVERED.
- 1.10

WHEREVER THE WORD "PROVIDE" IS USED, IT SHALL MEAN: FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- 1.11

THE ELECTRICAL DISTRIBUTION SYSTEM AND ALL NON-CURRENT CARRYING METAL PARTS OF THE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE, AND ALL OTHER APPLICABLE CODES AND STANDARDS. ALL BRANCH CIRCUITS AND FEEDERS SHALL BE GROUNDED BY MEANS OF AN INSULATED GROUNDING CONDUCTOR INSTALLED WITHIN EACH RACEWAY. THE ENTIRE GROUNDING SYSTEM SHALL BE TESTED FOR CONTINUITY AT THE COMPLETION OF THE WORK.
- 1.12

THE NEW MATERIAL AND LABOR SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE ACCEPTANCE BY THE OWNERS' REPRESENTATIVE. NOTE THAT CERTAIN SPECIFIED ITEMS OF EQUIPMENT MAY CARRY A LONGER PERIOD OF WARRANTY.
- 1.13

PROVIDE A PERMANENT NAMEPLATE OR PLAQUE TO IDENTIFY THE MAXIMUM FAULT CURRENT AMPERES AVAILABLE AT THE MAIN SERVICE DISCONNECTING MEANS, IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE ARTICLE 110.

PART 2 PRODUCTS

- 2.1

ALL MATERIAL, EQUIPMENT INSTALLATION AND LABOR SHALL BE IN ACCORDANCE WITH THE LATEST APPLICABLE NATIONAL, STATE AND LOCAL CODES AND NFPA PUBLICATIONS, AS INTERPRETED BY THE AUTHORITY HAVING JURISDICTION. THIS CONTRACTOR MUST ADHERE TO PROPER INSTALLATION TECHNIQUES IN ACCORDANCE WITH INDUSTRY STANDARDS AS DEFINED BY ANSI AND NECA. IN ADDITION, OSHA REQUIREMENTS AND ANY SITE-SPECIFIC SAFETY STANDARDS SHALL BE FOLLOWED FOR SAFETY OF PERSONNEL ON SITE. NEW EQUIPMENT SHALL BE UL AND/OR CSA LISTED.
- 2.2

WIRING DEVICES SHALL BE "SPECIFICATION GRADE" AND SHALL BE OF ONE MANUFACTURER, WITH MATCHING INSTALLATION PLATES. HUBBELL DEVICES ARE LISTED, LEVITON AND PASS & SEYMOUR DEVICES WITH EQUAL SPECIFICATIONS MAY BE SUPPLIED. IVORY DEVICES AND PLATES SHALL BE PROVIDED, UNLESS OTHERWISE REQUESTED. THE OWNERS' REPRESENTATIVE WILL CONFIRM COLORS OF DEVICES AND PLATES DURING THE SUBMITTAL APPROVAL PROCESS. UNLESS NOTED OTHERWISE, STANDARD DEVICES SHALL BE:

A

LIGHT SWITCHES: 120/277 VOLT, QUIET TYPE, HUBBELL #1221 (SINGLE POLE), #1223 (THREE-WAY) AND #1224 (FOUR-WAY).

B

GENERAL PURPOSE RECEPTACLES: 125 VOLT, 20 AMPERE, 2-POLE, 3-WIRE, DUPLEX TYPE, NEMA 5-20R, HUBBELL #5362.

C

GFCI RECEPTACLES: 125 VOLT, 20 AMPERE, 2-POLE, 3-WIRE DUPLEX TYPE, NEMA 5-20R, HUBBELL #GFCI-5362, SELF-TESTING AND FEED-THRU.

D

EXTERIOR RECEPTACLES: PROVIDE A GFCI RECEPTACLE WITH A TAYMAC RMX438DS, METAL EXTRA DUTY "IN-USE" COVER AND HORIZONTAL MOUNTED BOX.
- E

OTHER SPECIAL PURPOSE DEVICES MAY BE SPECIFIED ON THE PLANS. THESE INCLUDE FLOOR OUTLETS AND SURFACE RACEWAY SYSTEMS.

F

LINE-VOLTAGE WALL OCCUPANCY SENSORS: WATTSTOPPER #DW-100 SERIES, DUAL TECHNOLOGY, 120/277 VOLT, 800W/1200W RATED, WITH ON/OFF BUTTON. SENSOR SWITCH TYPE WSD-PDT IS CONSIDERED AN EQUIVALENT.

G

LINE-VOLTAGE CEILING OCCUPANCY SENSORS: WATTSTOPPER #DT-355 SERIES, DUAL TECHNOLOGY, 120/277 VOLT, 800W/1200W RATED, WITH 360° COVERAGE. SENSOR SWITCH TYPE CMP-PDT-9 IS CONSIDERED AN EQUIVALENT.

H

LOW-VOLTAGE CEILING OCCUPANCY SENSORS: WATTSTOPPER #DT-380-U, DUAL TECHNOLOGY, 24VDC/VAC, 43MA, WITH 360° STANDARD COVERAGE. PROVIDE EACH SENSOR WITH A #12-30U UNIVERSAL VOLTAGE (POWER PACK) RELAY. SENSOR SWITCH TYPE CM-PDT-9 WITH #PP-20 IS CONSIDERED AN EQUIVALENT.

I

WIRING DEVICES SHALL BE PROVIDED WITH A GROUNDED WIRE CONNECTED TO THE DEVICE AND/OR THE OUTLET BOX.
- 2.3

ALL WIRING SHALL BE COPPER, 90 DEGREE C, RATED, TYPE THHN, THWN OR XHHW, WITH 600-VOLT INSULATION UNLESS INDICATED OTHERWISE ON THE DRAWINGS. THE MINIMUM WIRE SIZE IS #12 FOR 120- AND 277-VOLT BRANCH CIRCUITS, #10 SHALL BE USED FOR CIRCUIT LENGTHS GREATER THAN 150 FEET.

A

FOR EXTENSION OF EXISTING DISTRIBUTION SYSTEMS, MATCH THE COLOR-CODING USED IN THE EXISTING SYSTEMS, AS REQUIRED BY THE NATIONAL ELECTRIC CODE.

B

COLOR CODE BRANCH CIRCUIT AND FEEDER CONDUCTORS AS FOLLOWS:

1.

120/240 VOLT, 1 PHASE, 3 WIRE SYSTEM

A

PHASE A-BLACK

B

PHASE B-RED

C

NEUTRAL-WHITE

D

GROUND-GREEN

2.

IN ADDITION TO THESE REQUIREMENTS, ALSO PROVIDE COLOR CODING OF CONDUCTORS AT ALL JUNCTION OR PULLBOXES.

2.4

ALL WIRING SHALL BE INSTALLED IN CONDUIT, AS PERMITTED BY THE NATIONAL ELECTRICAL CODE, AT THE CONTRACTOR'S OPTION, AND AS PERMITTED BY THE NATIONAL ELECTRICAL CODE, TYPE MC CABLE, OR A MANUFACTURED WIRING SYSTEM MAY BE USED FOR 20 AMPERE AND 30 AMPERE BRANCH CIRCUITS IN STUD WALLS AND ABOVE ACCESSIBLE LAY-IN CEILINGS IN LIEU OF CONDUIT AND WIRE. HOMERUNS TO PANELS SHALL BE IN CONDUIT. PVC CONDUIT MAY BE USED FOR EXTERIOR UNDERGROUND CIRCUITS AND FOR INTERIOR CIRCUITS AND FEEDERS LOCATED UNDER THE GROUND FLOOR SLAB. FLEXIBLE CONDUIT SHALL BE USED FOR CONNECTIONS TO MOTORS, EQUIPMENT, TRANSFORMERS, LIGHTING FIXTURES, AND FOR BRANCH CIRCUIT WIRING INSTALLED IN CASEWORK. EXPOSED CONDUIT IN HIGH TRAFFIC AREAS SHALL BE RIGID GALVANIZED OR IMC, FROM THE FLOOR TO A LEVEL OF 8'-0" ABOVE THE FLOOR.

2.5

LIGHTING FIXTURES AND ASSOCIATED DRIVERS, AND LIGHTING CONTROLS SHALL BE AS INDICATED ON THE DRAWINGS, COMPLETE WITH PROPER LEADS, ACCESSORIES AND SUPPORTS AS RECOMMENDED BY THE MANUFACTURER AND IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, ARTICLES 410 AND 411, OR ANY LOCAL CODES THAT MAY APPLY.

A

ADJUSTABLE FIXTURES SHALL BE AIMED AT NIGHT UNDER THE DIRECTION OF THE OWNER'S REPRESENTATIVE.

B

IMMEDIATELY PRECEDING THE FINAL INSPECTION, THIS CONTRACTOR SHALL THOROUGHLY CLEAN ALL FIXTURES OF DUST, DIRT, GREASE, FINGERMARKS, ETC. ALL FIXTURES SHALL BE OPERATING AT THE TIME OF OWNER'S ACCEPTANCE.

2.6

PANELBOARDS, DISCONNECTS, AND OTHER POWER DISTRIBUTION EQUIPMENT SHALL BE PROVIDED FROM ONE MANUFACTURER WHEREVER POSSIBLE. APPROVED MANUFACTURERS ARE SQUARE D, GENERAL ELECTRIC, SIEMENS/ITE OR CUTLER HAMMER. CIRCUIT BREAKERS SHALL BE BOLT-ON TYPE, UNLESS INDICATED OTHERWISE ON THE DRAWINGS, WITH INTERRUPTING RATINGS EQUAL TO OR GREATER THAN FAULT CURRENTS AVAILABLE AT THE POINT OF SERVICE, 10 KAC MINIMUM FOR 208Y/120 VOLT SYSTEMS, 14 KAC MINIMUM FOR 480Y/277 VOLT SYSTEMS. OTHER CIRCUIT BREAKER RATINGS SUCH AS HACR, HID, SWD, GFCI AND SHUNT-TRIP FEATURES SHALL BE PROVIDED WHERE REQUIRED BY CODE OR AS INDICATED ON THE DRAWINGS. BALANCE THE LOAD ON EACH PANEL AND DISTRIBUTION SYSTEM INSTALLED.

A

BRANCH CIRCUIT PANELS SHALL BE FLUSH OR SURFACE MOUNTED AS INDICATED, LOCKABLE AND KEYED ALIKE, AND SHALL HAVE A DOOR-IN-DOOR COVER.

B

BUSSING FOR PANELBOARDS OR SWITCHBOARDS SHALL BE COPPER.

C

DISTRIBUTION PANELS SHALL BE PROVIDED WITH BUSSED PROVISION SPACE EQUAL TO 20% (MINIMUM) OF THE ACTIVE DEVICE SPACE UTILIZED IN EACH SECTION.

2.7

FUSIBLE AND NON-FUSED DISCONNECT SWITCHES SHALL BE HEAVY DUTY WITH QUICK MAKE/ QUICK BREAK OPERATION, WITH A NEMA 1 RATING (INTERIOR) OR NEMA 3R RATING (EXTERIOR) UNLESS OTHERWISE NOTED OR REQUIRED BY CODE. PROVIDE DIFFERENT ENCLOSURES IF NEEDED, BASED ON THE CONDITIONS AFFECTING THE EQUIPMENT. FUSES SHALL BE DUAL ELEMENT- TIME DELAY, BUSSMAN TYPE LPN-RK (250 VOLT) OR LPS-RK (600 VOLT) FOR 600 AMPERES AND BELOW, AND BUSSMAN TYPE KRP-C ABOVE 600 AMPERES. EQUIVALENT FUSES BY FERRAZ-SHAWMUT OR LITTELFUSE ARE ACCEPTABLE.

2.8

NAMEPLATES SHALL BE PROVIDED FOR IDENTIFICATION OF ALL POWER DISTRIBUTION EQUIPMENT AND SHALL BE ENGRAVED PHENOLIC WITH WHITE LETTERING AND BLACK BACKGROUND, UNLESS DIRECTED OTHERWISE BY THE OWNER'S REPRESENTATIVE. PANELBOARD BRANCH CIRCUITS SHALL BE IDENTIFIED WITH TYPEWRITTEN DIRECTORIES.

A

PROVIDE NEW DIRECTORIES FOR ALL EXISTING PANELS WHICH FEED NEW BRANCH CIRCUITS.

B

SPARE CIRCUIT BREAKERS SHALL BE IDENTIFIED AS SUCH AND SHALL BE LEFT IN THE "OFF" POSITION AT THE CONCLUSION OF THE WORK.

2.9

MOTOR STARTERS SHALL BE COMBINATION TYPE WITH MOTOR CIRCUIT PROTECTOR, RUNNING PILOT LIGHT, H-O-A SELECTOR SWITCH, ELECTRONIC OVERLOAD RELAYS, 120 VOLT FUSED CONTROL TRANSFORMER, NEMA 1 ENCLOSURE AND OTHER AUXILIARY CONTACTS AND COMPONENTS NEEDED FOR PROPER MOTOR CONTROL. THE DIVISION 23 SPECIFICATIONS WILL INDICATE THE REQUIREMENTS OF EACH MOTOR STARTER BASED UPON THE CONTROL SEQUENCE – FRANKLIN CONTROL SYSTEMS, MODEL BAS OR EQUAL BY SQUARE D, ABB, OR EATON.

2.10

SINGLE PHASE MANUAL MOTOR STARTERS SHALL BE SURFACE MOUNTED, ELECTRONIC TYPE WITH HAND-OFF-AUTO SWITCH, LOCKING HARDWARE, PILOT LIGHT AND (1) AUXILIARY CONTACT FOR BAS OR INTERLOCK CONTROL – FRANKLIN CONTROL SYSTEMS, MODEL BAS-1P OR EQUAL BY SQUARE D, ABB, OR EATON.

PART 3 EXECUTION

3.1

COORDINATE THE ELECTRICAL WORK WITH ALL OTHER TRADES ON SITE, INCLUDING CORE DRILL LOCATIONS AND FEEDER ROUTINGS. PROVIDE LAYOUT DRAWINGS FOR ELECTRICAL DISTRIBUTION ROOMS AND CLOSETS AND SUBMIT COPIES TO THE OWNER'S REPRESENTATIVE FOR REVIEW AND APPROVAL BEFORE ROUGHING-IN CONDUITS AND EQUIPMENT.

3.2

CUTTING AND PATCHING OF WALLS, FLOORS AND CEILINGS SHALL BE PROVIDED BY SKILLED MECHANICS IN THE TRADE. FINAL FINISHING AND PAINTING IS BY THE GENERAL TRADES CONTRACTOR.

3.3

IT IS THE PURPOSE OF THE CONTRACT DOCUMENTS TO INDICATE THE APPROXIMATE LOCATIONS OF ALL EQUIPMENT, OUTLETS, ETC. THE EXACT LOCATION OF EQUIPMENT AND OUTLETS MAY BE ADJUSTED FROM TIME TO TIME AS THE WORK PROGRESSES. THIS CONTRACTOR SHALL CONFIRM THE EXACT LOCATIONS AND ARRANGE THE WORK ACCORDINGLY. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO EFFECT REASONABLE CHANGES IN THE LOCATION OF OUTLETS UP TO THE TIME OF ROUGH-IN WITHOUT ADDITIONAL COST. ALL GFCI RECEPTACLES SHALL BE INSTALLED IN A READILY ACCESSIBLE LOCATION, VISIBLE FOR TESTING AND INSPECTION.

3.4

SERVE AND CONNECT ALL ELECTRICAL EQUIPMENT FURNISHED BY OTHER DIVISIONS OR OWNER, COORDINATE ALL OUTLET LOCATIONS AND CONNECTION REQUIREMENTS WITH THE CONTRACTOR FURNISHING THE EQUIPMENT. BEFORE CONNECTING ANY PIECE OF EQUIPMENT, CHECK THE NAMEPLATE RATING AGAINST THE INFORMATION SHOWN ON THE CONTRACT DOCUMENTS AND CALL ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. CAREFULLY STUDY ALL MANUFACTURERS' EQUIPMENT WIRING DIAGRAMS AND MAKE CONNECTIONS ACCORDINGLY.

3.5

LOCATE AND PROVIDE ALL OPENINGS IN FLOORS, CEILINGS, AND WALLS TO ALLOW FOR CONDUIT PENETRATIONS.

A

SUBMIT TO THE OWNER'S REPRESENTATIVE ALL LOCATIONS AND SIZES OF OPENINGS WHICH MUST BE PROVIDED FOR THE WORK BEFORE DRILLING OR SETTING ANY SLEEVES.

B

FINAL LOCATIONS AND SIZES OF ALL OPENINGS SHALL BE SUBJECT TO THE OWNER'S REPRESENTATIVE FINAL APPROVAL.

C

PROVIDE ALL FIRE STOPS AND SMOKE AND FIRE BARRIERS AROUND ALL CONDUIT PENETRATIONS PROVIDED UNDER THIS WORK. ALL FIRE BARRIERS SHALL BE UL LISTED AND RECOGNIZED SUITABLE BY FACTORY MUTUAL AND NFPA. FIRE BARRIERS SHALL RESTORE ALL PENETRATIONS TO BE AT LEAST THE MINIMUM FIRE RATING OF THE SURFACE PENETRATED. BARRIERS SHALL COMPLETELY FILL THE OPENINGS AND SHALL BE SECURELY ANCHORED TO PREVENT ACCIDENTAL REMOVAL. ALL SMOKE AND FIRE BARRIERS SHALL BE MADE USING ONLY RECOGNIZED MATERIALS AND WILL BE ACCEPTABLE SUBJECT TO THE OWNER'S REPRESENTATIVE FINAL APPROVAL. SMOKE AND FIRE BARRIERS MAY BE STI FIRE SEAL, DUPONT, OR US GYPSUM.

D

SEAL EXTERNAL WALL PENETRATIONS WHERE CONDUIT PASSES FROM A COLDER AREA TO A WARMER AREA.

3.6

MOUNTING HEIGHTS OF DEVICES ARE AS INDICATED ON THE PLANS, OR AS SHOWN ON THE ARCHITECTURAL INTERIOR ELEVATIONS. OUTLET BOXES FOR DEVICES SHALL NOT BE MOUNTED BACK-TO-BACK IN STUD WALL CONSTRUCTION. ADJACENT DEVICES SHALL BE INSTALLED IN GANGED BOXES WITH COMMON COVER PLATES WHEREVER POSSIBLE. UNLESS OTHERWISE NOTED, RECEPTACLES SHALL BE MOUNTED VERTICALLY, WITH THE GROUND PIN ABOVE THE PHASE AND NEUTRAL PIN.

3.7

ALL BOXES AND CONDUITS SHALL BE CONCEALED IN FINISHED AREAS OF NEW CONSTRUCTION. CONDUIT SYSTEMS SHALL BE SUPPORTED FROM THE STRUCTURE, INDEPENDENT OF DUCTWORK AND OTHER TRADES. HANGERS, STRAPS AND CLAMPS SHALL BE APPROVED FOR THE PURPOSE. JUNCTION BOXES, OUTLET BOXES AND PULL BOXES SHALL BE LOCATED IN ACCESSIBLE AREAS AND SHALL BE PERMANENTLY MARKED ACCORDING TO THE CIRCUIT OR SYSTEM SERVED.

3.8

SUSPENDED CEILING SYSTEMS, INCLUDING THE ASSOCIATED SUPPORT WIRES, SHALL NOT BE USED FOR CONDUIT SUPPORT. CONDUITS SHALL NOT INTERFERE WITH CEILING TILE INSTALLATION OR REMOVAL AND SHALL NOT REST ON OR BE ATTACHED TO THE T-BARS OF THE SYSTEM.

3.9

RENOVATION WORK MAY REQUIRE THE INSTALLATION OF SURFACE MOUNTED CONDUIT OR SURFACE RACEWAYS WHERE CONCEALING CONDUIT IS NOT POSSIBLE. THE ROUTING AND LOCATION OF SUCH RACEWAYS SHALL BE APPROVED BY THE OWNERS' REPRESENTATIVE.

3.10

PROVIDE THE PROPER CONNECTION AND/OR DISCONNECT AND OVER-CURRENT PROTECTION FOR OWNER AND DIVISION 15 EQUIPMENT, BASED UPON THE CONTRACT DOCUMENTS. VERIFY THIS INFORMATION WITH THE UNIT NAMEPLATE OR FIELD WIRING SCHEMATIC BEFORE ROUGH-IN.

3.11

ELECTRICAL EQUIPMENT SHALL BE STORED IN A HEATED AND VENTILATED SPACE UNTIL READY FOR DELIVERY TO THE FINISHED EQUIPMENT SPACE ON THE SITE.

3.12

FOR FEEDERS AND EQUIPMENT CIRCUITS 40 AMPERE RATED AND ABOVE, THE INTENT OF THE DESIGN IS TO INSTALL A MAXIMUM OF THREE (3) CURRENT-CARRYING CONDUCTORS IN A SINGLE CONDUIT (RACEWAY), UTILIZING THE FULL CONDUCTOR CAPACITIES ALLOWED AND DEFINED IN THE NATIONAL ELECTRICAL CODE ARTICLE 310. COMBINING OF FOUR (4) OR MORE CURRENT-CARRYING CONDUCTORS IN A SINGLE RACEWAY MUST BE REVIEWED AND APPROVED BY THE OWNER'S REPRESENTATIVE.

3.13

UNLESS SPECIFICALLY REQUESTED BY THE OWNER'S REPRESENTATIVE, CEILING AND WALL MOUNTED OCCUPANCY SENSORS SHALL BE SET WITH DEFAULT TIMES, AS FOLLOWS:

A

PRIVATE OFFICES – 10 MINUTES

B

STORAGE AREAS – 5 MINUTES

C

MULTIPLE PERSON WORK AREAS – 30 MINUTES

D

PUBLIC RESTROOMS – 30 MINUTES

E

HALLWAYS, CORRIDORS – 30 MINUTES

F

ALL OTHER SPACES – 10 MINUTES

3.14

CEILING MOUNTED OCCUPANCY SENSORS SHALL BE POSITIONED AND ADJUSTED BY THE CONTRACTOR TO ELIMINATE NUISANCE OPERATION OF THE CIRCUIT FROM HVAC DIFFUSERS OR MOVEMENT OUTSIDE THE CONTROLLED AREA OR ROOM.

STATE OF OHIO

REGISTERED ENGINEER

TIMOTHY G. KOOL

E-59700

7-24-25

JEFFERSON COMMUNITY PARK IMPROVEMENTS

VILLAGE OF JEFFERSON

262 E JEFFERSON ST

ELECTRICAL SPECIFICATIONS

SCALE: As indicated

CONTRACT NO: 242425

SHEET E0.03

33851 Curtis Blvd., 214

Eastlake, OH 44095

F 440.953.8760

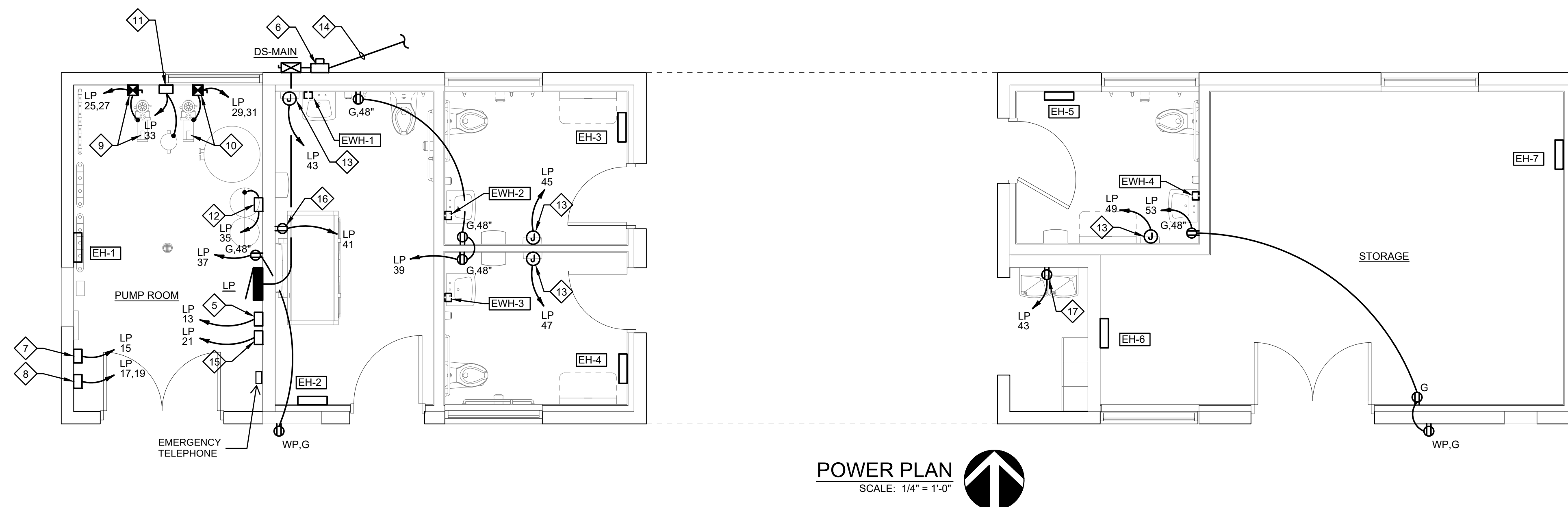
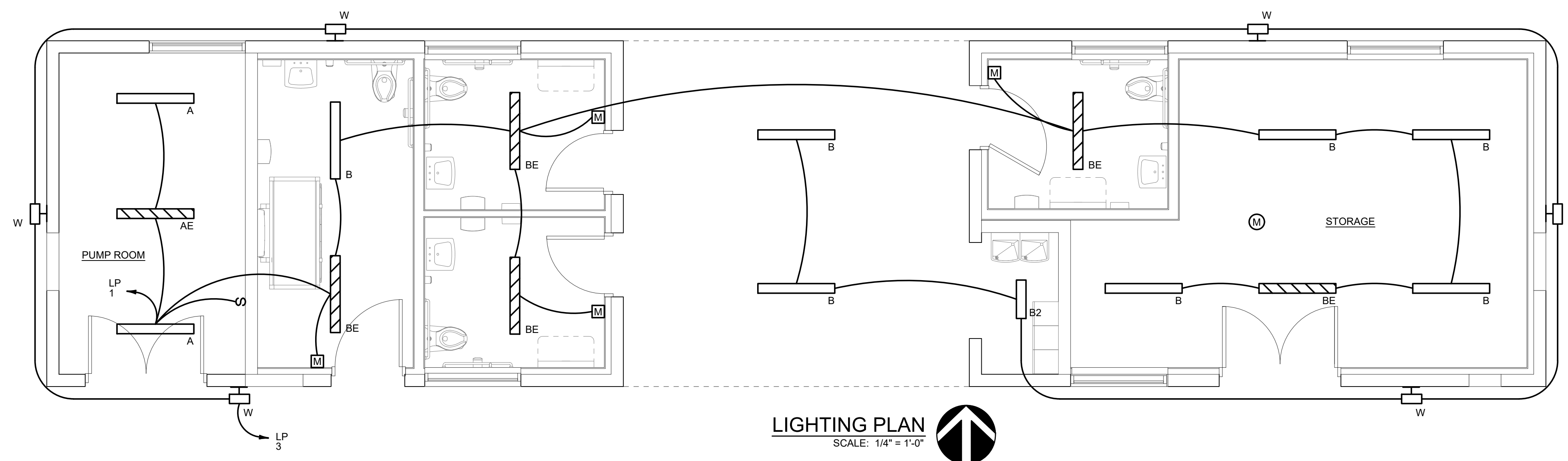
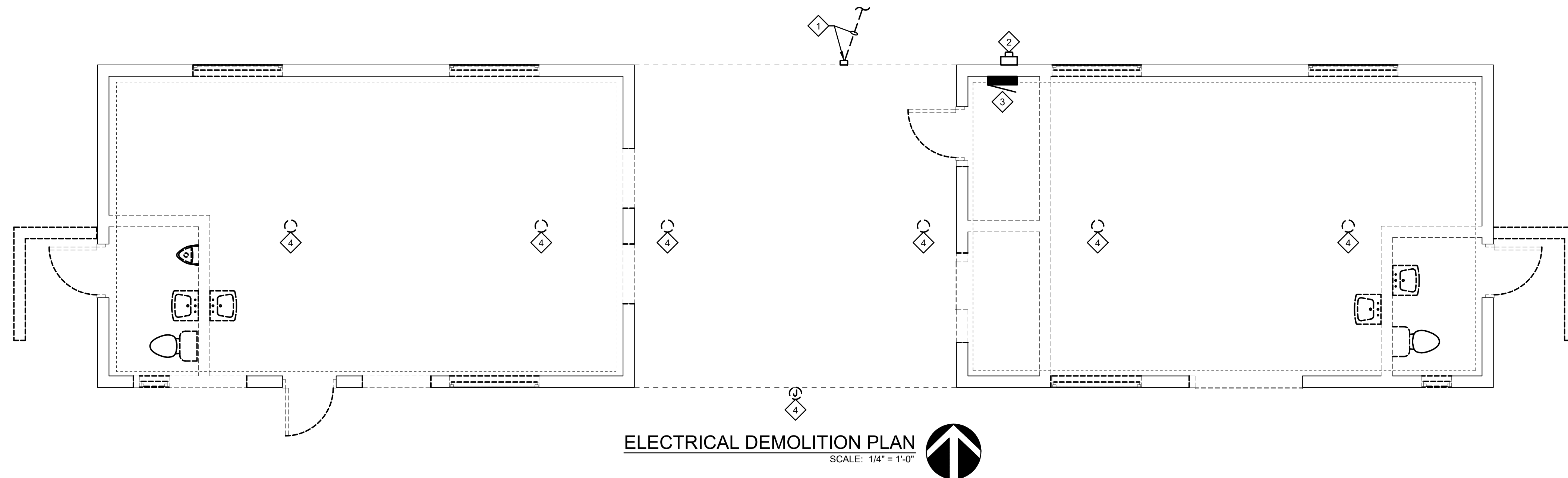
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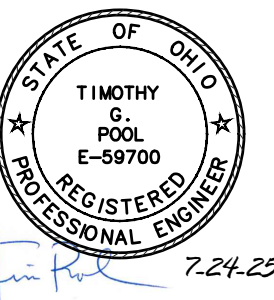
tec inc.

engineering & design



◆ PLAN NOTES

1. REMOVE EXISTING OVERHEAD ELECTRICAL SERVICE FEEDER & ATTACHMENT CONNECTION.
2. REMOVE EXISTING UTILITY METER BASE.
3. REMOVE EXISTING LOAD CENTER.
4. REMOVE EXISTING LIGHTING FIXTURE.
5. NEW TIME CLOCK #1. PROVIDE 120V ASTRONOMICAL, 4-CHANNEL TIME CLOCK TO BE INTERMATIC #ET2845CR, OR EQUALS BY OTHERS FOR EXTERIOR LIGHTING CONTROLS.
6. NEW UTILITY METER, NEMA 3R.
7. NEW TIME CLOCK #2. PROVIDE 120V, 1-PHASE ASTRONOMICAL, 4-CHANNEL, NEMA 3R TIME CLOCK TO BE INTERMATIC #ET2845CR, OR EQUALS BY OTHERS FOR FEATURE PUMP CONTROLS.
8. NEW TIME CLOCK #3. PROVIDE 240V, 1-PHASE ASTRONOMICAL, 4-CHANNEL, NEMA 3R TIME CLOCK TO BE INTERMATIC #ET2845CR, OR EQUALS BY OTHERS FOR RE-CIRCULATING PUMP CONTROLS.
9. FEATURE PUMP - 3HP, 240V, 1-PHASE, 6.72KW. WIRE THROUGH RAIN DECK TIMER BOX. PROVIDE 240, 1-PHASE MANUAL MOTOR STARTER - TO BE FRANKLIN CONTROLS SYSTEM #BAS-1P.
10. RE-CIRCULATING (FILTER) PUMP - 3HP, 240V, 1-PHASE, 2.69KW. WIRE THROUGH TIME CLOCK #3. PROVIDE 240, 1-PHASE MANUAL MOTOR STARTER - TO BE FRANKLIN CONTROLS SYSTEM #BAS-1P.
11. PROVIDE 120V POWER TO UV SANITIZER.
12. PROVIDE 120V POWER TO CHEM CONTROLLER.
13. HAND DRYER - 120V, 0.95KW. WIRE TO DEDICATED 120V, 20A GFCI RATED CIRCUIT BREAKER.
14. NEW UNDERGROUND ELECTRICAL SERVICE FEEDER & CONDUIT. SEE ONE LINE DIAGRAM AND ELECTRICAL SITE PLAN.
15. NEW TIME CLOCK #4. PROVIDE 120V, 1-PHASE ASTRONOMICAL, 2-CHANNEL, NEMA 3R TIME CLOCK TO BE INTERMATIC #ET2825CR, OR EQUALS BY OTHERS FOR EXHAUST FAN CONTROLS.
16. NEW MOTORIZED ZONE CONTROL TABLE - 120V, 0.5KW. WIRE TO DEDICATED 120V, 20A GFCI RATED CIRCUIT BREAKER.
17. NEW WATER DRINKING FOUNTAIN - 120V, 0.4KW. WIRE TO DEDICATED 120V, 20A GFCI RATED CIRCUIT BREAKER.



REV	REVISIONS FOR BID & PERMIT	DATE	BY
		07/24/2025	JDM
	DRAWN BY: MK		
	CHECKED BY: TGP		
	APPROVED BY: TGP		
	F.B. NO.: PG.		

JEFFERSON COMMUNITY PARK IMPROVEMENTS VILLAGE OF JEFFERSON 262 E JEFFERSON ST		ELECTRICAL FLOOR PLANS
SCALE:	As indicated	
CONTRACT NO:		
242425		
SHEET		
E1.01		

PLUMBING FIXTURE SCHEDULE						
MARK	FIXTURE	WASTE	VENT	HW	CW	MANUFACTURER, MODEL NUMBER, AND DESCRIPTION
WC-1	FLOOR MOUNTED TANK TYPE WATER CLOSET ADA	4"	2"	-	1/2"	<u>FIXTURE:</u> AMERICAN STANDARD CADET CHAIR HEIGHT PRESSURE ASSISTED TOILET 2467.016 OR EQUAL. FLOOR MOUNTED TANK TYPE, WHITE VITREOUS CHINA, ELONGATED BOWL, SIPHON JET ACTION, 1.6 GALLONS PER FLUSH. 16-1/2 INCH BOWL HEIGHT. (PROVIDE WITH TANK COVER LOCKING DEVICE) <u>SEAT:</u> WHITE, HEAVY DUTY COMMERCIAL GRADE, OPEN FRONT, SELF-SUSTAINING CHECK HINGES WITH STAINLESS STEEL POSTS BY CHURCH MODEL 9500SSCT OR APPROVED EQUAL. <u>ROUGH-IN DIMENSION:</u> 12 INCH <u>SUPPLIES:</u> PROVIDE CHROME PLATED RIGID SUPPLY WITH LOOSE KEY STOP, REDUCERS AND ESCUTCHEONS. PROVIDE FLUSH CONTROL LEVER ON WIDE SIDE OF TOILET (AWAY FROM WALL)
L-1	LAVATORY WALL MOUNTED	1-1/2"	1-1/2"	1/2"	1/2"	<u>FIXTURE:</u> AMERICAN STANDARD DECORUM 9024.004EC, 20 INCH x 18 INCH WALL-HUNG LAVATORY WITH EVERCLEAN WITH 4 INCH CENTERS. <u>FAUCET:</u> AMERICAN STANDARD MODEL 1340.22T, METERING CENTERSET, 0.5 GPM, VANDAL-RESISTANT NON-AERATED SPRAY. <u>SUPPLIES:</u> FURNISH CHROME PLATED RIGID OR FLEXIBLE SUPPLIES WITH LOOSE KEY STOPS, REDUCERS, AND ESCUTCHEONS. INSULATED FOR ADA COMPLIANCE. <u>DRAIN:</u> STAINLESS STEEL NON-REMOVABLE STRAINER WITH 1-1/4 INCH TAILPIECE. CHICAGO FAUCET NO. 327. <u>TRAP:</u> CHROME PLATED CAST BRASS ADJUSTABLE "P" TRAP WITH CLEANOUT AND 17 GAUGE WASTE TO WALL WITH ESCUTCHEON. INSULATED AND OFFSET TO MEET ADA COMPLIANCE. PROVIDE PLUMBREX MODEL X4114 TRAP COVER AND MODEL X4333 PRO EXTREME TRAP WRAP.
EW-1	ELECTRIC WATER COOLER	1-1/4"	1-1/4"	-	1/2"	<u>FIXTURE:</u> OUTDOOR RATED, VANDAL RESISTANT BI-LEVEL VERSACOOOLER, NON-REFRIGERATED, OUTDOOR FILTER, WALL MOUNTED, BARRIER FREE, ELECTRIC WATER COOLER HAVING MINIMUM CAPACITY OF 8.0 GPH OF 50 DEGREE F WATER AT 90 DEGREE F AMBIENT AND 80 DEGREE INLET WATER WITH A SINGLE VANDAL RESISTANT PUSH BUTTON. FURNISH BRACKET FOR WALL MOUNTING AND FLEXIBLE POWER CABLE WITH THREE PRONGED GROUNDED PLUG. FURNISH APRON FOR UPPER UNIT. <u>REFRIGERANT:</u> R-134A. <u>FINISH:</u> STAINLESS STEEL TOP. CABINET FINISH AS SELECTED BY ARCHITECT. <u>MANUFACTURER:</u> OASIS MODEL PGVDFACSL 507644 OR SIMILAR BY ELKAY <u>ROUGH-IN:</u> PROVIDE STOP VALVE, CAST BRASS P-TRAP, AND 17 GAUGE TAILPIECE. <u>MOUNTING HEIGHT:</u> TO ACCOMMODATE WHEELCHAIR USERS.

PLUMBING EQUIPMENT SCHEDULE						
MARK	EQUIPMENT	WASTE	VENT	HW	CW	MANUFACTURER, MODEL NUMBER, AND DESCRIPTION
FD-1	FLOOR DRAIN	4"	-	-	-	ZURN FD-2330, HEAVY-DUTY ADJUSTABLE FLOOR DRAIN, IT CONSISTS OF A PVC OR ABS BODY WITH STEEL-THREADED INSERTS, COMPLETE WITH A CAST IRON CLAMP COLLAR, LEVELING FRAME AND HEAVY DUTY GRATE WITH SEDIMENT BUCKET OPTION OR EQUAL.
FS-1	FLOOR SINK	4"	-	-	-	SQUARE FLOOR SINK WITH 3/4 GRATE: CONSTRUCTED OF PVC BODY WITH PVC HUB BOTTOM OUTLET WITH STRAINER. SIOUX CHIEF 861-3P OR APPROVED EQUAL.
TP-1	TRAP SEALER	-	-	-	-	SURE SEAL MODEL SS3009V & SS4009V INLINE FLOOR DRAIN TRAP SEAL. COMMERCIAL GRADE UV AND OZONE RESISTANT ABS PLASTIC HOUSING WITH PROPRIETARY EPDM RUBBER DIAPHRAGM AND SOFT RUBBER SEALING GASKET. FLOOR RATING ASSE - 1072 AF-GW.
FCO	FLOOR CLEANOUT	-	-	-	-	FLOOR CLEANOUT: DUCO CAST IRON CLEANOUT WITH ROUND NICKEL BRONZE TOP. ZURN LC-CR05NI.
ECO	EXTERIOR CLEANOUT	-	-	-	-	ECO-1: EXTRA HEAVY CAST IRON ACCESS HOUSING WITH ADJUSTABLE ANCHOR FLANGE AND EXTRA HEAVY SECURED NON-SKID CAST IRON COVER WITH VANDAL PROOF SCREWS. CAST IRON CLEANOUT FERRULE WITH COUNTERSUNK BRASS CLEANOUT PLUG. SMITH FIGURE 4250 OR SIMILAR BY MIFAB OR ZURN. FULL SIZE OF PIPE AND NOT LESS THAN 4 INCHES FOR LARGER SIZES.
HB-1	HOSE BIBB NON-FREEZE	-	-	-	3/4"	<u>FITTING:</u> WOODFORD MODEL 101 OR APPROVED EQUAL. ANTI-SIPHON WALL FAUCET PROTECTED BY AN CHECK TO PROVIDE ANTI-SIPHON PROTECTION.
WH-1	WALL HYDRANT NON-FREEZE	-	-	-	3/4"	<u>FITTING:</u> WOODFORD MODEL 68 OR APPROVED EQUAL. FREEZELESS WALL HYDRANT PROTECTED BY AN INTEGRAL COVER, TEE KEY PREVENTS UNAUTHORIZED USE AND DRAINS AUTOMATICALLY.
	WATER HAMMER ARRESTORS	SIZE PER PDI STANDARD - WH 201 TABLE 5				PERMANENTLY SEALED BELLOWS OR EXPANDING CHAMBER TYPE DEVICE FOR CONTROL OF WATER HAMMER, P.D.I.APROVED. SMITH HYDROTROL OR SIMILAR BY JOSAM, MIFAB, WADE, ZURN, OR EQUAL.
	REDUCED PRESSURE BACKFLOW PREVENTOR	REFER TO PLUMB. PLAN FOR SIZING				RPZ: (REDUCED PRESSURE BACKFLOW PREVENTOR) 1-1/2 INCH, THREADED ENDS, STAINLESS STEEL BALL VALVE SHUT-OFFS, INTERNAL RELIEF VALVE, STANDARD BALL TYPE TEST COCKS. ZURN MODEL 975XL3 OR EQUAL. MUST MEET OHIO PLUMBING CODE REQUIREMENTS.

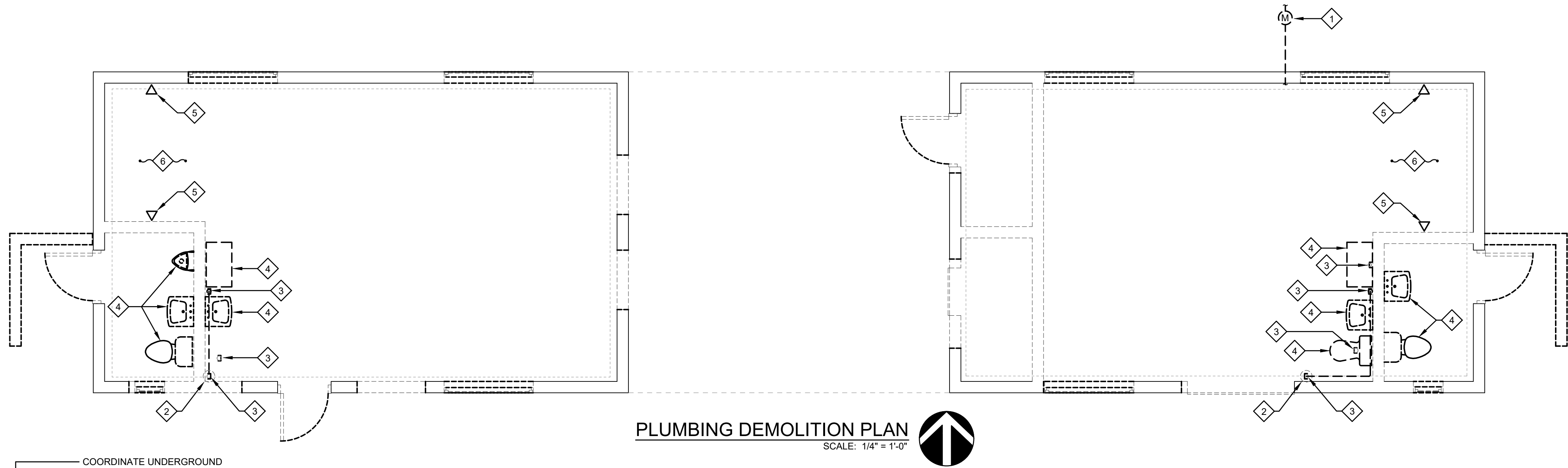
(ELECTRIC) WATER HEATER SCHEDULE										
MARK	MANUFACTURER	MODEL	KW INPUT	STORAGE CAPACITY (gallons)	FINAL TEMPERATURE (degrees F)	RECOVERY GPH	TEMPERATURE RISE (degrees F)	VOLTAGE	EXPANSION TANK	REMARKS
EW-H-1	EEMAX	AMO12240T	8.7	-	105	-	65	208V-1PH	-	-

ELECTRIC UNIT HEATER SCHEDULE										
MARK	MANUFACTURER	MODEL	TYPE	BTU/HR	KW	DIMENSIONS H x W x D (IN)	VOLTAGE	AMPS	WEIGHT	REMARKS
EH-1	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	13,649	4.0	18-1/4 x 14-3/8 x 3-7/8	208-1PH	19.2	25	1-5
EH-2	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	10,236	3.0	18-1/4 x 14-3/8 x 3-7/8	208-1PH	10.8	25	
EH-3	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	5,118	1.5	18-1/4 x 14-3/8 x 3-7/8	208-1PH	7.2	25	
EH-4	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	5,118	1.5	18-1/4 x 14-3/8 x 3-7/8	208-1PH	7.2	25	
EH-5	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	5,118	1.5	18-1/4 x 14-3/8 x 3-7/8	208-1PH	7.2	25	
EH-6	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	10,236	3.0	18-1/4 x 14-3/8 x 3-7/8	208-1PH	10.8	25	
EH-7	BERKO	FRC4020F	HEAVY DUTY WALL HEATER	10,236	3.0	18-1/4 x 14-3/8 x 3-7/8	208-1PH	10.8	25	

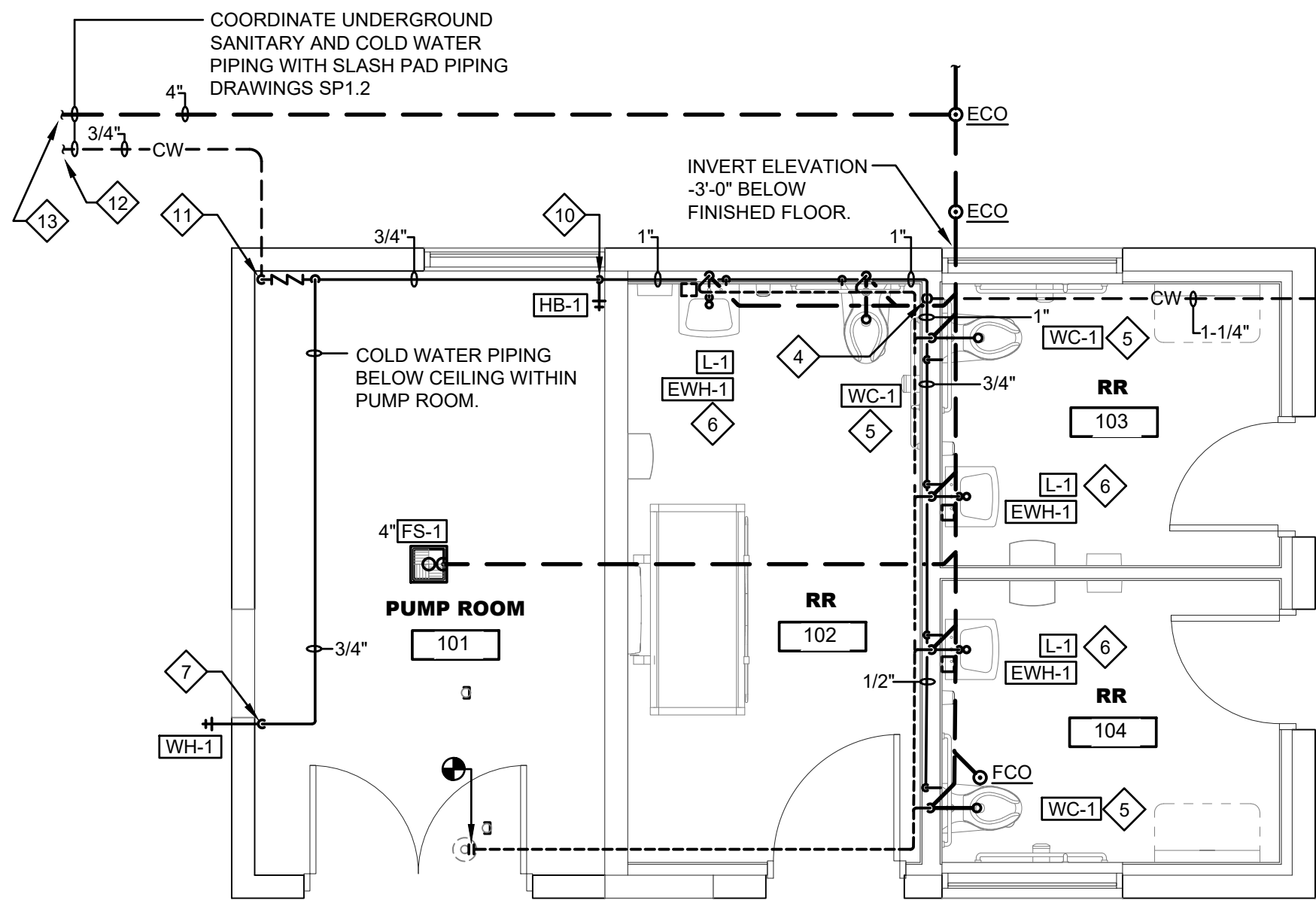
FAN SCHEDULE												
MARK	MANUFACTURER	MODEL	TYPE	CFM	E.S.P. (IN W.C.)	RPM	MOTOR HP	VOLTAGE	DRIVE	WEIGHT (LBS)	SONES (@ 1/8")	REMARKS
EF-1	COOK	GC-642	CENTRIFUGAL	530	0.375	1500	164 W	110/1/60	DIRECT	26	4	1-3
EF-2	COOK	GC-542	CENTRIFUGAL	310	0.375	1500	113 W	110/1/60	DIRECT	26	5.5	1-3

REGISTER, GRILLES, AND DIFFUSER SCHEDULE							
MARK	MANUFACTURER	MODEL	DESCRIPTION	MATERIAL	FINISH	FRAME TYPE	MAX. NC
ER-1	TITUS	23RL	RETURN GRILLE	ALUMINUM	WHITE	SURFACE MOUNTED	25

M0.01

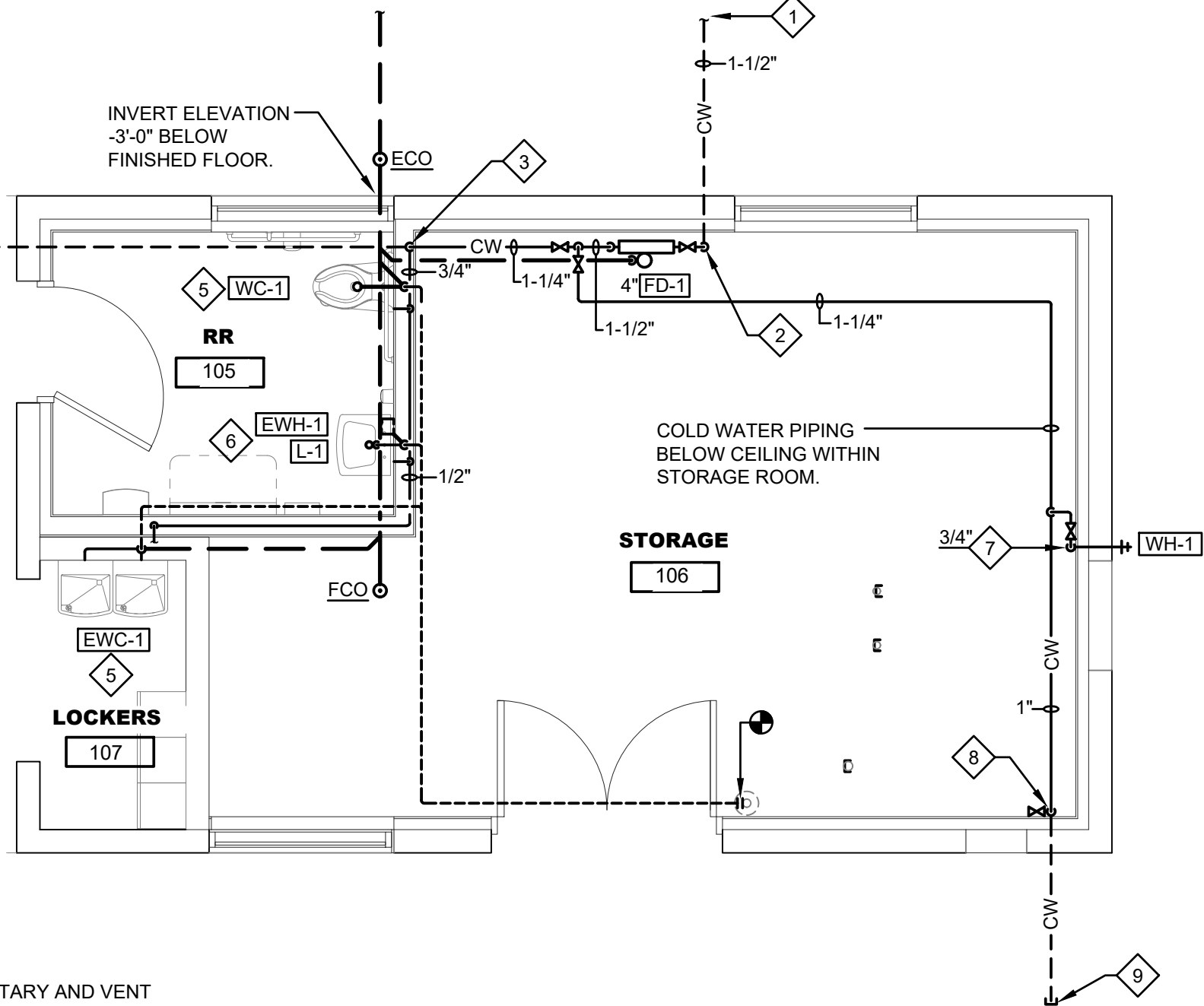


PLUMBING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"



PLUMBING PLAN
SCALE: 1/4" = 1'-0"

- NOTE:
- REFER TO SHEET M0.01 FOR FOR SANITARY STACK DIAGRAM FOR ALL SANITARY AND VENT SIZES. PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULES AND CONNECTION SIZES.
 - FACILITY WILL BE VACANT DURING WINTER MONTHS. SLOPE DOMESTIC HOT AND COLD WATER PIPING AND PROVIDE DRAIN VALVES AT LOW POINTS IN SYSTEM. ANTIFREEZE IS TO BE ADDED TO ALL DRAIN TRAPS TO PREVENT DAMAGE FROM FREEZING TO FACILITATE PLUMBING SYSTEM EVACUATION.



GENERAL NOTES (PLUMBING)

- SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE.
- CUT FLOOR, WALL, AND CEILING CONSTRUCTION FOR PENETRATIONS TO ACCOMMODATE NEW WORK. COORDINATE WITH GENERAL TRADES. PATCH CONSTRUCTION TO MATCH, OR TO SATISFACTION OF ARCHITECT AND OWNER.
- ALL WORK TO BE COMPLETED IN ACCORDANCE WITH THE LOCAL BUILDING CODE AND AUTHORITY HAVING JURISDICTION.
- PLUMBING WORK SHALL BE COMPLETED BY AN INDIVIDUAL OR BUSINESS THAT IS LICENSED BY THE STATE CONSTRUCTION INDUSTRY LICENSING BOARD.
- ALL FIXTURES SHALL BE PROVIDED WITH SHUT-OFF BALL VALVES ON SUPPLY LINES.
- ALL PUBLIC HAND WASHING SINKS SHALL BE SUPPLIED WITH TEMPERED WATER WITH AN APPROVED WATER TEMPERATURE LIMITING DEVICE THAT CONFORMS TO ASSE 1070.
- NO PIPING OR EQUIPMENT SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT.
- EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS.
- ALL PLUMBING WORK IS TO RUN IN A NEAT AND PROFESSIONAL MANNER, WITH THE AESTHETICS OF THE FACILITY OF PARAMOUNT IMPORTANCE. ALL ROUGH-IN WORK TO BE HIDDEN WITHIN WALLS AND ABOVE CEILING UNLESS OTHERWISE NOTED.
- ALL MATERIALS USED SHALL BE NEW AND UNDAMAGED.
- FURNISH ACCESS DOORS (RATED OR NON-RATED AS REQUIRED) WHERE VALVES OR EQUIPMENT ARE CONCEALED BEHIND A NON ACCESSIBLE CEILING OR WALL. FURNISH ACCESS DOORS TO GENERAL CONTRACTOR FOR INSTALLATION.

DEMOLITION PLAN NOTES

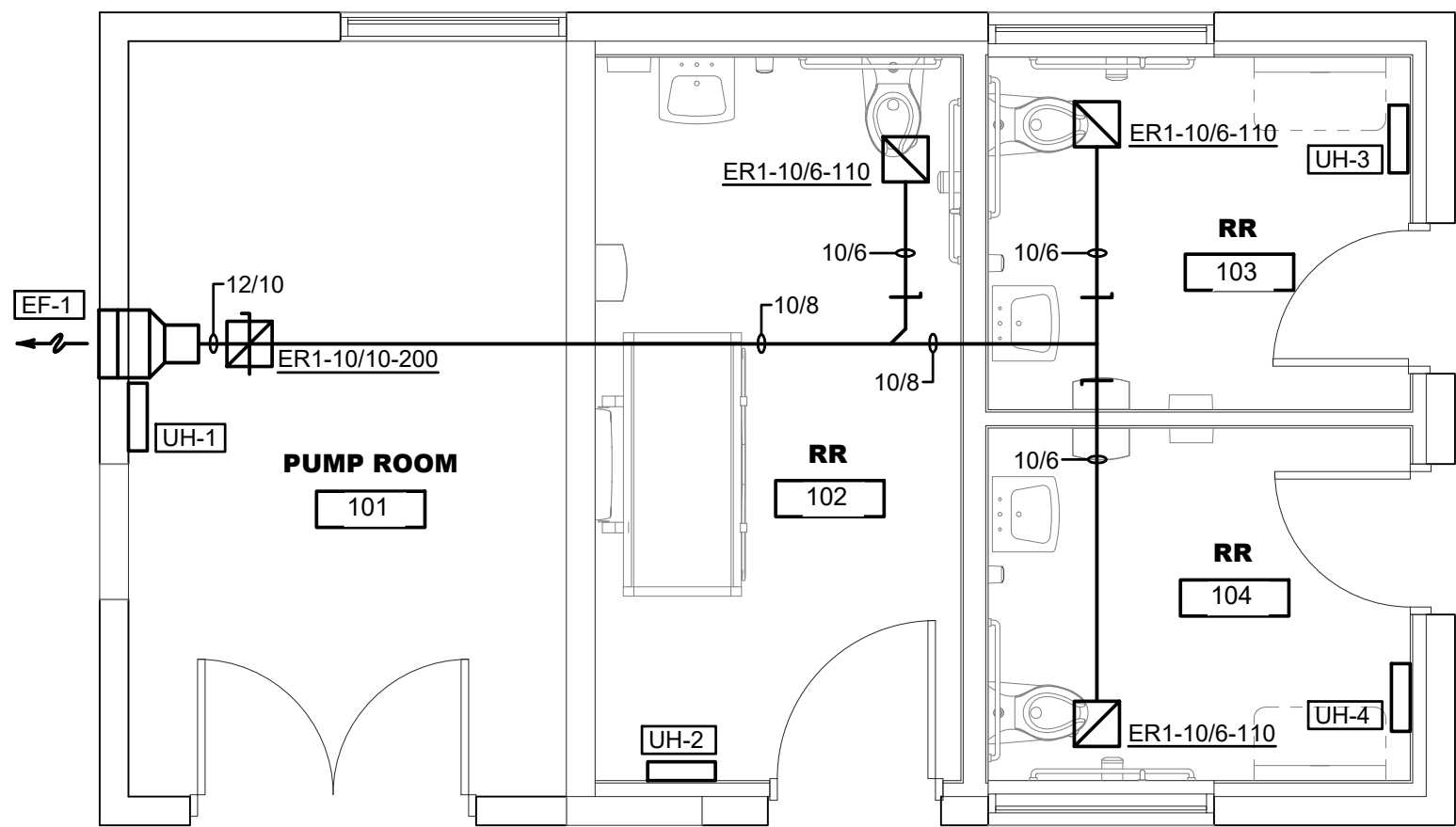
- EXISTING INCOMING WATER SERVICE AND WATER METER ASSOCIATED PIPING FROM STREET TO BE REMOVED PREPARE PIPE END AT STREET FOR NEW CONNECTION. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.
- EXISTING VENT THROUGH ROOF TO REMAIN. REMOVE ALL VENT PIPING WITHIN BUILDING TO BELOW ROOF AND PREPARE PIPE END FOR NEW CONNECTION.
- REMOVE SOIL STACK, CAP FLUSH WITH FLOOR AND ABANDON SANITARY SEWER BELOW SLAB.
- DISCONNECT AND REMOVE EXISTING FIXTURE AND ALL ASSOCIATED PIPING.
- REMOVE SHOWER HEAD, VALVE, AND ALL ASSOCIATED PIPING.
- REMOVE EXISTING FLOOR DRAIN, CAP AND ABANDON EXISTING SANITARY SEWER SYSTEM. CONTRACTOR TO FIELD VERIFY EXACT LOCATION.

NEW PLAN NOTES

- EXTEND COLD WATER SERVICE BELOW GRADE AND CONNECT TO EXISTING WATER MAIN AT STREET.
- 1-1/2" COLD WATER SERVICE SLEEVED AND SEALED UP THROUGH SLAB AND PROVIDE MAIN SHUT-OFF VALVE. BACKFLOW PREVENTER TO MEET ASSE STANDARD 1013 AND WATER PRESSURE WITHIN BUILDING TO COMPLY WITH OHIO PLUMBING CODE. REFER TO DETAIL ON SHEET M0.01.
- 1-1/4" COLD WATER DOWN IN WALL TO BELOW SLAB AND PROVIDE 3/4" COLD WATER BRANCH PIPE ABOVE FINISHED FLOOR TO ROUTE WITHIN WALL TO SERVE FIXTURES.
- SLEEVE AND SEAL 1 INCH COLD WATER UP FROM BELOW SLAB. PROVIDE 3/4" AND 1" BRANCH PIPING ABOVE FINISHED FLOOR TO ROUTE WITHIN WALL TO SERVE FIXTURES.
- 1/2" COLD WATER BRANCH PIPE TO SERVE FIXTURE.
- 1/2" COLD WATER BRANCH PIPE TO SERVE FIXTURE AND EWH-1. CONNECT 1/2" HOT WATER FROM EWH-1 TO LAV-1.
- 3/4" COLD WATER DOWN ALONG WALL WITH SHUT-OFF VALVE IN DROP. SLEEVE AND SEAL 30 INCHES ABOVE OUTSIDE GRADE TO SERVE WALL HYDRANT.
- 1" COLD WATER DOWN ALONG WALL WITH SHUT-OFF VALVE IN DROP. SLEEVE AND SEAL TO BELOW SLAB.
- 1" COLD WATER PIPE BELOW GRADE AND TO EXTEND BEYOND CONCRETE PAD TO GRASSY AREA AND CAPPED FOR FUTURE.
- 1" COLD WATER UP ALONG WALL. PROVIDE 3/4" HOSE BIBB AND CONTINUE UP TO BELOW CEILING.
- 3/4" COLD WATER PIPING DOWN ALONG WALL TO BELOW SLAB WITH SLEEVE. PROVIDE SMALL 1/2" BACKFLOW PREVENTER.
- 3/4" COLD WATER CONTINUED BELOW GRADE TO AUTOFILL CONNECTION ON RESERVOIR TANK. REFER TO TYPICAL DRAINING SECTION ON SHEET SP2.3
- 4" SANITARY SEWER BELOW GRADE TO EXTEND TO RESERVOIR TANK. REFER TO TYPICAL DRAINING SECTION ON SHEET SP2.3

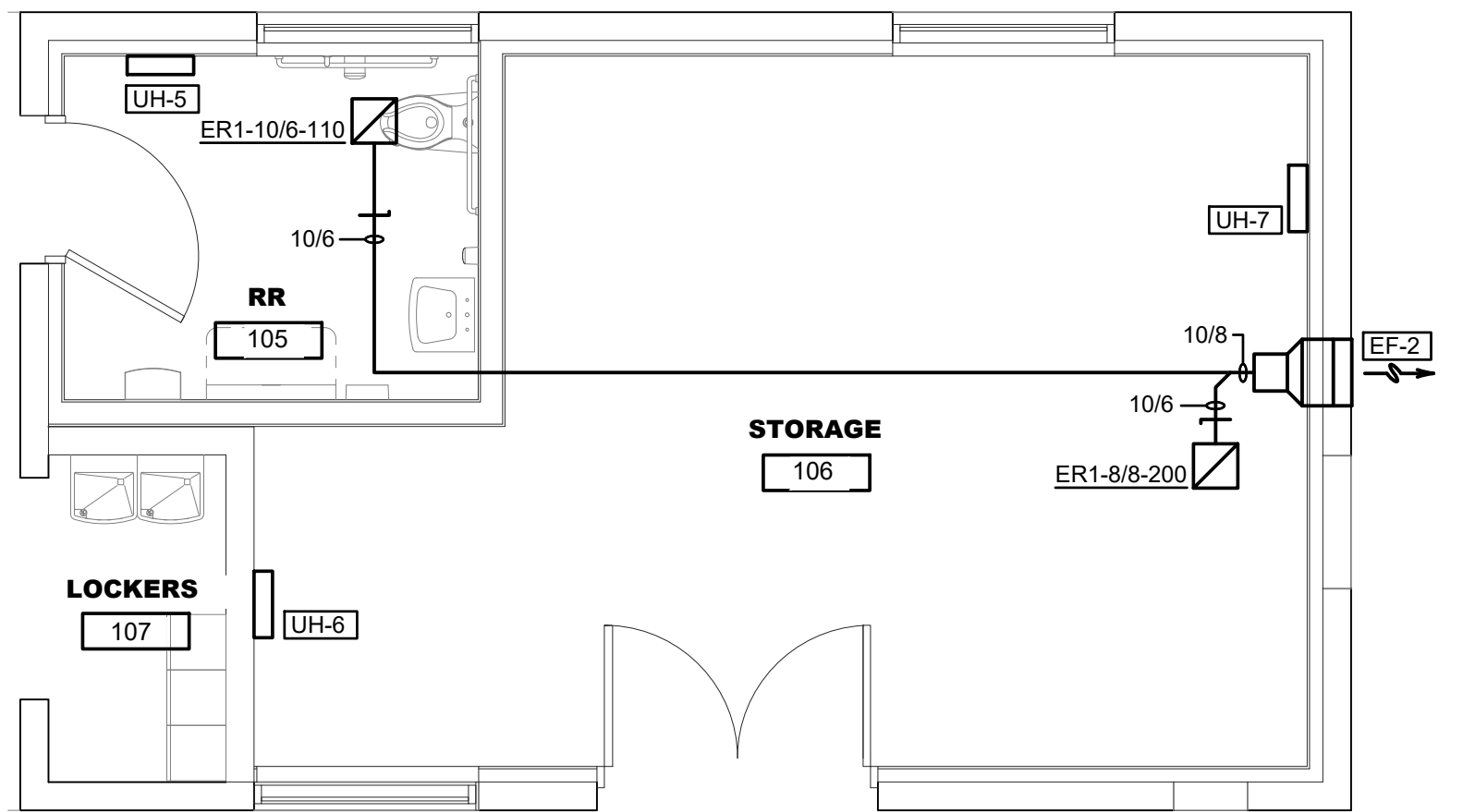
GENERAL NOTES (HVAC)

- CONDUCT FIELD SURVEY OF EXISTING CONDITIONS PRIOR TO SUBMISSION OF BID AND START OF WORK. NO ADDITIONAL PAYMENTS WILL BE MADE ON CLAIMS THAT ARISE FROM LACK OF KNOWLEDGE OF EXISTING CONDITIONS.
- COORDINATE SCHEDULE OF WORK REQUIRED IN OCCUPIED AND OPERATING AREAS WITH OWNER PRIOR TO STARTING SUCH WORK.
- SCHEDULE UTILITY SERVICE SHUTDOWNS REQUIRED FOR NEW CONSTRUCTION WITH OWNER AND GENERAL TRADES PRIOR TO SHUTTING DOWN SYSTEMS. GIVE ONE WEEK ADVANCE NOTICE IN WRITING.
- PROVIDE ACCESS PANELS TO BALANCE DAMPERS IN EXHAUST SYSTEM.
- CUT FLOOR, WALL, AND CEILING CONSTRUCTION FOR PENETRATIONS TO ACCOMMODATE NEW WORK. COORDINATE WITH GENERAL TRADES. PATCH CONSTRUCTION TO MATCH, OR TO SATISFACTION OF ARCHITECT AND OWNER.
- COORDINATE ROUTING OF NEW DUCTWORK WITH EXISTING BUILDING CONDITIONS AND WITH WORK OF OTHER TRADES. PROVIDE CHANGES IN LOCATION, DIRECTION, OFFSETS, AS MAY BE REQUIRED, WHETHER SPECIFICALLY INDICATED OR NOT, AND AT NO ADDITIONAL COST TO THE OWNER. ALL DUCTWORK SHALL BE ABOVE THE DRYWALL CEILING.
- COORDINATE AIR DISTRIBUTION DEVICE LOCATIONS WITH FINAL REFLECTED CEILING PLAN.
- THE DUCTWORK SIZES INDICATED ARE INSIDE CLEAR DIMENSIONS.
- UNLESS OTHERWISE NOTED, DUCTWORK SERVING A SINGLE DIFFUSER, GRILLE OR REGISTER IS TO BE FULL NECK SIZE OF AIR DISTRIBUTION DEVICE FROM BRANCH TAKE-OFF TO DEVICE CONNECTION.
- BUILDING SHALL BE HEATED IN WINTER SEASON. EXHAUST SHALL REMAIN OFF IN WINTER.



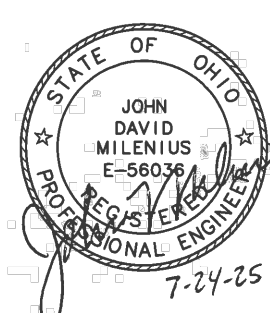
HVAC PLAN
SCALE: 1/4" = 1'-0"

NOTE:
REFER TO SHEET M0.01 FOR ALL HVAC EQUIPMENT SCHEDULES.



33851 Curtis Blvd., 214
Eastlake, OH 44095
t 440.953.8760
f 440.953.1289
www.tecinc1.com

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JEFFERSON COMMUNITY PARK IMPROVEMENTS

VILLAGE OF JEFFERSON

262 E JEFFERSON ST

MECHANICAL PLANS

SCALE: As indicated

CONTRACT NO:

242425

SHEET

M1.01



VILLAGE OF JEFFERSON

MECHANICAL SPECIFICATIONS

REV	REVISIONS FOR BID & PERMIT	DATE	BY
		07/24/2025	JDM
	DRAWN BY: MK		
	CHECKED BY: TGP		
	APPROVED BY: TGP		
	F.B. NO.: PG.		

B. SAMPLES: NOT REQUIRED.

SECTION 23 80 00 - DECENTRALIZED HVAC EQUIPMENT

F. CONTROL: SEPARATE FAN SPEED SWITCH AND THERMOSTAT HEAT SELECTOR SWITCH, THERMAL OVERLOAD.

